

5-28-2015

## 2015 Commencement for Sidney Kimmel Medical College, Jefferson Graduate School of Biomedical Sciences, and Jefferson School of Population Health

[Let us know how access to this document benefits you](#)

Follow this and additional works at: <http://jdc.jefferson.edu/skmccommencement>

---

### Recommended Citation

"2015 Commencement for Sidney Kimmel Medical College, Jefferson Graduate School of Biomedical Sciences, and Jefferson School of Population Health" (2015). *Sidney Kimmel Medical College Commencements*. Video 90.

<http://jdc.jefferson.edu/skmccommencement/90>

This Article is brought to you for free and open access by the Jefferson Digital Commons. The Jefferson Digital Commons is a service of Thomas Jefferson University's [Center for Teaching and Learning \(CTL\)](#). The Commons is a showcase for Jefferson books and journals, peer-reviewed scholarly publications, unique historical collections from the University archives, and teaching tools. The Jefferson Digital Commons allows researchers and interested readers anywhere in the world to learn about and keep up to date with Jefferson scholarship. This article has been accepted for inclusion in Sidney Kimmel Medical College Commencements by an authorized administrator of the Jefferson Digital Commons. For more information, please contact: [JeffersonDigitalCommons@jefferson.edu](mailto:JeffersonDigitalCommons@jefferson.edu).



191<sup>ST</sup>

# COMMENCEMENT

Sidney Kimmel Medical College  
Jefferson Graduate School of Biomedical Sciences  
Jefferson School of Population Health

*of*

**THOMAS JEFFERSON UNIVERSITY**

PHILADELPHIA, PENNSYLVANIA

**1824-2015**

Thursday, May Twenty-Eighth  
Two Thousand Fifteen  
Half Past Ten O'Clock

KIMMEL CENTER for the PERFORMING ARTS  
260 SOUTH BROAD STREET  
VERIZON HALL

The Oath of Hippocrates

I do solemnly swear by that which I hold most sacred:

That I will be loyal to the profession of medicine,  
just to its members, and generous to its institutions;

That I will lead my life and practice my art in  
uprightness and honor;

That I will give respect and gratitude to those who  
have taught me this art;

That into whatsoever house I shall enter, it shall be  
for the good of the sick to the utmost of my power,  
I hold myself aloof from wrong, from corruption,  
from the tempting of others to vice;

That I will exercise my art for the best care of my  
patients,  
and I will give no drug, perform no operation for  
a criminal purpose, even if solicited far less  
suggest it;

That whatsoever I shall see or hear of the lives of  
my patients which is not fitting to be spoken,  
I will keep inviolably secret.

These things I do promise upon my honor.

Processional

Trumpet Voluntary  
JOHN STANLEY  
The Jefferson Processional  
BURLE MARX

Opening Proclamation

RICHARD W. HEVNER  
Chairman, Board of Trustees, Thomas Jefferson  
University and Jefferson Health

Presentation of Colors

U.S. Armed Forces Career Center, Philadelphia

The National Anthem

Convocation and Remarks

STEPHEN K. KLASKO, MD, MBA  
President and CEO, Thomas Jefferson  
University and Jefferson Health

President's Award

PRESIDENT KLASKO  
M. FREDRIC RIEDERS, PhD '85

Conferring of Honorary Degrees

PRESIDENT KLASKO  
ESTHER DYSON, Doctor of Science  
IGNAZIO R. MARINO, MD, Doctor of Science

Conferring of Degrees in Course

PRESIDENT KLASKO

Jefferson Graduate School of Biomedical Sciences

Doctor of Philosophy  
Master of Science  
Presented by ..... GERALD B. GRUNWALD, PhD  
Dean, Jefferson Graduate School of Biomedical Sciences

Jefferson School of Population Health

Doctor of Philosophy  
Master of Public Health  
Master of Science  
Presented by ..... DAVID B. NASH, MD, MBA  
Dean, Jefferson School of Population Health

Sidney Kimmel Medical College

Doctor of Medicine  
Presented by ..... MARK L. TYKOCINSKI, MD  
Provost and Executive Vice President, Thomas  
Jefferson University  
Anthony F. and Gertrude M. DePalma Dean,  
Sidney Kimmel Medical College

Oath of Hippocrates

JOSEPH F. MAJDAN, MD, FACP  
Assistant Professor of Medicine

Recessional

Pomp and Circumstance, ELGAR  
THE REVEREND R. BRUCE TODD, Organist

Grand Marshal

CHRISTOPHER V. CHAMBERS, MD

Marshals

DAVID ABRAHAM, PhD  
RAELYNN COOTER, PhD  
STEVEN K. HERRINE, MD  
CHARLES A. POHL, MD

CAROL L. BECK, PhD  
ALBERT G. CRAWFORD, PhD  
LISA M. KOZLOWSKI, PhD  
SUSAN ROSENTHAL, MD

CLARA A. CALLAHAN, MD  
KRISTIN L. DESIMONE, MD  
KAREN D. NOVIELLI, MD  
KATHRYN P. TRAYES, MD

Student Marshals

ZACHARY SCHOEPFLIN

GRAHAM PEIGH

The audience is requested to remain seated during the Academic Procession and Recession.



## Candidates for the Degree of Doctor of Philosophy

MICHAEL ALEXANDER AUGELLO (Molecular Pharmacology & Structural Biology) ..... Philadelphia, PA  
B.S., The College of New Jersey  
Thesis Title: "Defining the Role of Cyclin D 1b Induction in Tumor Progression"  
Advisor: Karen Knudsen, Ph.D.

DARRYLL ANDREW BARKHOUSE (Immunology & Microbial Pathogenesis) .....Phoenixville, PA  
B.S., McGill University  
Thesis Title: "Interferon Gamma Expression by Recombinant Rabies Virus Attenuates  
Pathogenicity and Enhances Safety and Efficacy of Post-exposure Treatment Vectors"  
Advisor: D. Craig Hooper, Ph.D.

BRIAN F. CORBETT (Neuroscience)..... Philadelphia, PA  
B.S., The College of New Jersey  
Thesis Title: "Network Dysfunction and Cognitive Deficits in a Mouse Model of Alzheimer's Disease"  
Advisor: Jeannie Chin, Ph.D.

SANA SARA DASTGHEYB (Cell & Developmental Biology)..... Vienna, VA  
B.S., University of Virginia  
Thesis Title: "Staphylococcus Aureus in the Synovials Environment: Supporting  
Long-Term Survival and Insensitivity to Antibiotics"  
Advisor: Noreen Hickok, Ph.D.

GREGORY JAMES EATON (Cell & Developmental Biology) ..... Washington Township, NJ  
B.S., Rowan University  
Thesis Title: "Apoptosis Signal-Regulating Kinase 1 Modulates Endochondral Bone Formation and Osteoarthritis Progression"  
Advisor: Theresa Freeman, Ph.D.

\* CHELAIN RAE GOODMAN (Molecular Pharmacology & Structural Biology) .....Thousand Oaks, CA  
B.A., Swarthmore College  
Thesis Title: "Induction of a Therapy Resistant Cytokeratin 5-Positive Cell Population by  
3-Ketosteroids in Luminal Breast Cancer"  
Advisor: Hallgeir Rui, M.D., Ph.D.

MICHELLE CARLL HELMS (Cell & Developmental Biology) .....Stow Creek Township, NJ  
B.S. The College of New Jersey  
Thesis Title: "Mitotic-dependent Phosphorylation of Leukemia-Associated RhoGEF (LARG) by Cdk1"  
Advisor: Philip Wedegaertner, Ph.D.

AZADEH TEHRANI KIA (Neuroscience) ..... Rockville, MD  
B.S., University of Maryland College Park  
Thesis Title: "Characteristics of FUS-Mediated Toxicity in Amyotrophic Lateral Sclerosis"  
Advisor: Piera Pasinelli, Ph.D.

CURTIS HARRISON KUGEL (Genetics, Genomics, and Cancer Biology) ..... Linwood, NJ  
B.S., University of Maryland College Park  
Thesis Title: "Adaptive and Acquired Responses of Mutant BRAF Melanomas to RAF/MEK Inhibitors"  
Advisor: Andrew Aplin, Ph.D.

MICHAEL S. MAGEE (Immunology & Microbial Pathogenesis) ..... Downingtown, PA  
B.S., University of Pittsburgh  
Thesis Title: "Guanylyl Cyclase C-Targeted CAR-T Cell Therapy for the Treatment of Metastatic Colorectal Cancer"  
Advisor: Scott Waldman, M.D., Ph.D.

\* Also receiving a Doctor of Medicine Degree from Sidney Kimmel Medical College

RUTH ANNE PUMROY (Biochemistry & Molecular Biology)..... Haddon Township, NJ  
B.A., Wesleyan University  
Thesis Title: "Regulation of the Classical Nuclear Import Pathway Through Variation in  
the Structure and Function of Importin Alpha Isoforms"  
Advisor: Gino Cingolani, Ph.D.

\* DAVID MICHAEL RITTER (Neuroscience)..... Fremont, IN  
B.S., Grace College  
Thesis Title: "Kv3.4 Channel Function and Modulation in Nociceptors: Novel Insights  
Into the Pathophysiology of Neuropathic Pain"  
Advisor: Manuel Covarrubias, M.D., Ph.D.

ERIK MICHAEL RONZONE (Immunology & Microbial Pathogenesis)..... Philadelphia, PA  
B.A., University of Pennsylvania  
Thesis Title: "Insight into the Mechanism of INCA, a Type III Secreted Effector Protein in Chlamydia Trachomatis"  
Advisor: Fabienne Paumet, Ph.D.

MARIA A. STEBLYANKO (Immunology & Microbial Pathogenesis) ..... Moscow, Russia  
B.S., Lomonosov Moscow State University  
Thesis Title: "Role of Integrin Receptors in Cytotoxic Lymphocyte Function"  
Advisor: Yuri Sykulev, M.D., Ph.D.

POOJA GIRISH TALATI (Molecular Pharmacology & Structural Biology)..... Voorhees, NJ  
B.S., Drexel University  
Thesis Title: "Stat5a/b-Induced Mechanisms of Prostate Cancer Metastasis"  
Advisor: Marja Nevalainen, M.D., Ph.D.

JORDAN TYLER WESOLOWSKI (Immunology & Microbial Pathogenesis) .....Smyrna, DE  
B.A./B.S., University of Delaware  
Thesis Title: "Bacteria Use Distinct Mechanisms to Inhibit SNARE-Mediated Membrane Fusion"  
Advisor: Fabienne Paumet, Ph.D.

ERIC B. WONG (Immunology & Microbial Pathogenesis) .....Toms River, NJ  
B.S., University of Richmond  
Thesis Title: "The Role of SLAM Family Receptors in Germinal Center-Mediated Autoimmunity"  
Advisor: Ziaur Rahman, M.D., Ph.D.

LORI ZBORAY (Neuroscience) .....Brackney, PA  
B.S., Lafayette College  
Thesis Title: "Using Cell and Animal Models to Understand Pathogenic Mechanisms in  
Spinal and Bulbar Muscular Atrophy"  
Advisor: Diane Merry, Ph.D.

\* Also receiving a Doctor of Medicine Degree from Sidney Kimmel Medical College



## Candidates for the Degree of Doctor of Medicine

NADIA ABIDI .....Macungie, PA <i>Cum Laude</i> AOA B.S., The Pennsylvania State University Medicine-Preliminary — Lankenau Medical Center, PA	TSUNG WAI AW .....Kuala Lumpur, Malaysia International Medical University Psychiatry — Thomas Jefferson University, PA
^ ABDUL-RAZAQ ADENIYI .....Macon, GA B.S., Mercer University Internal Medicine — York Hospital, PA	§ DIERDRE AXELL-HOUSE .....Lewes, DE B.A., Franklin & Marshall College Internal Medicine — University of Virginia, VA
SUNIL ADIGE .....Wilton, CT B.S., Haverford College Internal Medicine — University of Maryland Medical Center, MD	^ JANE BABIARZ .....Chicago, IL <i>Cum Laude</i> AOA B.A., University of Chicago Internal Medicine — Oregon Health & Science University, OR
ANGUS AGNEW .....Big Timber, MT B.A., Lewis and Clark College Emergency Medicine — Christiana Care, DE	§ JENNIFER BAKER .....Boalsburg, PA B.A., Washington and Jefferson College Surgery — University of Cincinnati Medical Center, OH
^ PATRICIA AJAYI-FOX .....Lagos, Nigeria B.S., Indiana University of Pennsylvania Internal Medicine /Global Health — University of Pittsburgh Medical Center Medical Education, PA	AUREEN BAKSH .....Chesapeake, VA B.S., Temple University Pediatrics — University of Arizona Affiliated Hospitals, AZ
BRADLEY ALBERTSON .....Wilmington, DE B.S., University of Rochester Pediatrics — Sidney Kimmel Medical College/duPont Children's Hospital, PA	MARK BALCENIUK .....Doylestown, PA B.S., Duquesne University Surgery — University of Rochester/Strong Memorial Hospital, NY
^ ROMA AMIN .....Pittsburgh, PA <i>Cum Laude</i> AOA B.S., The Pennsylvania State University Family Medicine — Grant Medical Center, OH	MOUNICA BANALA .....Downingtown, PA B.S., The Pennsylvania State University Internal Medicine — Ocala Health System, FL
KARINE AMIRIKIAN .....Eagan, MN B.A., University of Pennsylvania Pediatrics — University of Chicago Medical Center, IL	MICHAEL BARBATO .....Forest Hill, MD B.S., Rochester Institute of Technology Pediatrics — Miami Children's Hospital, FL
MARK ASHAMALLA .....Port Washington, NY B.A., New York University Medicine-Preliminary — Albany Medical Center, NY Radiation Oncology — New York Methodist Hospital, NY	NICHOLAS BARNA .....Mountain Top, PA B.S., Lafayette College Pathology — New York University School of Medicine, NY
§ ANNIE ASHOK .....Philadelphia, PA <i>Cum Laude</i> AOA B.A., University of Pennsylvania Orthopaedics — Drexel University COM/Hahnemann University Hospital, PA	GUSTAVO BARRAZUETA .....Tampa, FL B.S., University of Florida Orthopaedics — Tufts Medical Center, MA
	CHRISTOPHER BARRETT .....Saratoga, CA <i>Magna Cum Laude</i> AOA B.S., University of California-Davis Internal Medicine — Stanford University Programs, CA
	MOHAMMED BASITH .....Williamsport, PA B.S., The Pennsylvania State University Psychiatry — Hershey Medical Center/Pennsylvania State University, PA

AOA — Alpha Omega Alpha Honor Medical Society

\* Also receiving a Doctor of Philosophy Degree from Jefferson Graduate School of Biomedical Sciences

† Also receiving a Master of Business Administration Degree from Widener University

^ Also completed College within the College Scholarly Concentration in Population Health

§ Also completed College within the College Scholarly Concentration in Clinical and Translational Research

DEXTER BATEMAN .....Milton, GA B.S., Georgia Institute of Technology Orthopaedics — Rutgers-Robert Wood Johnson Medical School, NJ	JOHN BOWEN .....Alpharetta, GA B.S., Georgia Institute of Technology Emergency Medicine — Maimonides Medical Center, NY
^ ELIZABETH BATES .....Warrenton, VA B.A., College of William and Mary Family Medicine — Swedish Medical Center, WA	SAMANTHA BRACKETT .....Westwood, MA B.A., Connecticut College Anesthesiology — George Washington University, DC
DANIEL BECCHI .....Stamford, CT B.A., College of Holy Cross Emergency Medicine — University of New Mexico School of Medicine, NM	MARY BRADY .....Danville, PA B.S., Bucknell University Transitional — Crozer-Chester Medical Center, PA Dermatology — Geisinger Health System, PA
REBECCA BEICHNER .....New Castle, PA B.S., Allegheny College Family Medicine — Washington Hospital, PA	ARI BRANDSDORFER .....Cortlandt Manor, NY <i>Magna Cum Laude</i> B.S., Muhlenberg College Medicine-Preliminary — University of Connecticut School of Medicine, CT
JULIANA BENNISON .....Washington, DC B.A., Princeton University Family Medicine — Icahn School of Medicine-Beth Israel Hospital, NY	NOAH BUBOLTZ .....Blue Springs, MO B.A., Southwest Missouri State University Pediatrics — St. Christopher's Hospital, PA
MARK BERGUSON .....Mansfield, PA B.S., Juniata College Anesthesiology — Thomas Jefferson University, PA	LAUREN CAMPBELL .....Chester Springs, PA B.S., University of Pittsburgh Obstetrics/Gynecology — Thomas Jefferson University, PA
JONATHAN BERI .....Springfield, NJ B.S., University of Delaware Pediatrics — Sidney Kimmel Medical College/duPont Children's Hospital, PA	§ GREGORY CANNARSA .....West Chester, PA <i>Summa Cum Laude</i> B.S., St. Josephs University Neurological Surgery — University of Maryland, MD
^ MEERA BHARDWAJ .....Wesley Hills, NY B.A., Wesleyan University Internal Medicine — Icahn School of Medicine at Mount Sinai, NY	AMANDA CASAGRANDE .....Derry, PA B.S., St. Vincent College Family Medicine — University of Pittsburgh Medical Center- St. Margaret Hospital, PA
SUMONA BHATTACHARYA .....Plainsboro, NJ B.A., Cornell University Internal Medicine — Rutgers-Robert Wood Johnson Medical School, NJ	TARYN CAZZOLLI .....Tully, NY B.S., Villanova University Medicine-Preliminary — Walter Reed National Medical Center, MD
^ EVAN BILHEIMER .....Westfield, NJ B.A., University of Rochester Family Medicine — Christiana Care, DE	CHERILYN CECCHINI .....Hartsdale, NY B.S., The Pennsylvania State University Pediatrics — Children's National Medical Center, DC
ANTHONY BONIELLO .....Somers, NY B.S., Washington and Lee University Orthopaedics — Drexel University COM/Hahnemann University Hospital, PA	ZACHARY CERTA .....Plymouth Meeting, PA B.S., Georgetown University Emergency Medicine — Thomas Jefferson University, PA
MARY ELIZABETH BONNET .....Dalton, MA B.A., College of Holy Cross Family Medicine — University of Rochester/Strong Memorial Hospital, NY	MICHAEL CHAI .....Wilmington, DE <i>Magna Cum Laude</i> AOA B.A., Northwestern University Medicine-Preliminary — Icahn School of Medicine-Beth Israel Hospital, NY
	Ophthalmology — New York Eye & Ear Infirmary, NY

AOA — Alpha Omega Alpha Honor Medical Society

\* Also receiving a Doctor of Philosophy Degree from Jefferson Graduate School of Biomedical Sciences

† Also receiving a Master of Business Administration Degree from Widener University

^ Also completed College within the College Scholarly Concentration in Population Health

§ Also completed College within the College Scholarly Concentration in Clinical and Translational Research



AARON CHALAL.....Marlboro, NJ  
B.A., University of Pennsylvania  
Medicine-Preliminary — Albert Einstein Medical Center, PA  
Anesthesiology — Hospital of the University of Pennsylvania, PA

ALEXANDER CHALPHIN.....Washington, DC  
*Cum Laude*

AOA  
B.S., College of William and Mary  
Surgery — Beth Israel Deaconess Medical Center, MA

† BRIAN CHAN.....Klang, Malaysia  
B.S., Purdue University  
Radiology — St. Vincent's Medical Center, CT

CHRISTINE CHANG.....Fort Lee, NJ  
B.A., Dartmouth College  
Family Medicine — Institute for Family Health/Harlem-Mt. Sinai, NY

ASADULLA CHAUDHARY.....Philadelphia, PA  
B.S., Temple University  
Surgery — Bassett Medical Center, NY

JOHN CHAVES.....Shanksville, PA  
*Cum Laude*  
AOA  
B.A., University of Pittsburgh  
Psychiatry — Walter Reed National Medical Center, MD

EMILY CHESTON.....Villanova, PA  
B.A., Williams College  
Obstetrics/Gynecology — Pennsylvania Hospital, PA

KIN WAH CHEW.....Kuala Lumpur, Malaysia  
International Medical University  
Surgery — York Hospital, PA

^ HO-HIN CHOY.....Oakland, CA  
B.A., Brown University  
Internal Medicine — University of California-Davis Medical Center, CA

ARIELLE CHUDNOFSKY.....Villanova, PA  
B.S., University of Wisconsin  
Emergency Medicine — Drexel University COM/Hahnemann University Hospital, PA

RISHIKA CHUGH.....Edison, NJ  
B.S., The Pennsylvania State University  
Internal Medicine — Einstein/Montefiore Medical Center, NY

MICHELLE CHUNG.....Plano, TX  
B.S., The Pennsylvania State University  
Internal Medicine — Mt. Auburn Hospital, MA

MEGAN CLARY.....Broomall, PA  
B.S., The Pennsylvania State University  
Emergency Medicine — Emory University School of Medicine, GA

COREY CLYDE.....Marlton, NJ  
B.S., University of Pittsburgh  
Orthopaedics — University at Buffalo School of Medicine, NY

^ MAY JEAN COUNSILMAN.....Glastonbury, CT  
B.S., University of Connecticut  
Surgery-Preliminary — Thomas Jefferson University, PA  
Urology — Thomas Jefferson University, PA

GORDON CRABTREE.....Chalfont, PA  
B.A., Williams College  
Transitional — Reading Hospital Medical Center, PA  
Ophthalmology — Geisinger Medical Center, PA

JORDAN DEANER.....Stoystown, PA  
*Summa Cum Laude*  
AOA  
B.S., University of Pittsburgh  
Transitional — Crozer-Chester Medical Center, PA  
Ophthalmology — Wills Eye Institute, PA

§ JACOB DEUTSCH.....Silver Spring, MD  
B.A., Yeshiva University  
Medicine-Preliminary — Drexel University COM/Hahnemann University Hospital, PA  
Radiology-Diagnostic — Icahn School of Medicine at Mt. Sinai, NY

ELIZABETH DEXTER-RICE.....Bethlehem, PA  
B.A., Cornell University  
Pediatrics — University of Virginia, VA

NIKHITA DHARBHAMULLA.....Johnstown, PA  
B.S., The Pennsylvania State University  
Internal Medicine — Cooper University Hospital, NJ

CHARU DHAVALIKAR.....Plainsboro, NJ  
B.S., The Pennsylvania State University  
(Residency deferred)

WEI DIAO.....Burnaby, BC  
B.A., Dartmouth College  
Family Medicine — University of California-Davis Medical Center, CA

OLIVIA DIEZ.....Princeton, NJ  
B.A., Temple University  
Family Medicine — Eglin Hospital, FL

STEPHEN DiSABATINO.....Wilmington, DE  
B.A., University of Delaware  
Emergency Medicine — Icahn School of Medicine-St. Luke's-Roosevelt Hospital, NY

STEPHEN DONG.....Victoria, BC  
B.A., University of Pennsylvania  
Internal Medicine — Scripps Clinic/Green Hospital, CA

JEREMY DRESSLER.....Wilmington, DE  
B.S., Washington University  
Surgery — Rhode Island Hospital/Brown University, RI

ROSS DRUEDING.....Wayne, PA  
*Cum Laude*  
B.S., Fordham University  
Medicine-Preliminary — Lankenau Medical Center, PA  
Anesthesiology — University of California-San Diego Medical Center, CA

LENA EDELSTEIN.....Manhasset, NY  
*Cum Laude*  
B.S., Haverford College  
Pediatrics — North Shore-Long Island Jewish Health System, NY

JOSHUA EISENBERG.....Maple Glen, PA  
*Cum Laude*  
AOA  
B.A., University of Pennsylvania  
Pediatrics — Children's Hospital-Philadelphia, PA

JONATHAN ELIAS.....Hewlett, NY  
B.A., Columbia University  
Pediatrics — New York Presbyterian Hospital-Weill Cornell Medical Center, NY

EMILY FAY.....Hatfield, PA  
B.S., The Pennsylvania State University  
Internal Medicine — University of Maryland Medical Center, MD

SOPHIE FELLER.....Providence, RI  
B.A., University of Pennsylvania  
Psychiatry — Einstein/Montefiore Medical Center, NY

JUSTIN FIELD.....Wilmington, DE  
B.S., University of Delaware  
Internal Medicine — Temple University Hospital, PA

§ JON MARC FINAMORE.....Wilmington, DE  
B.S., University of Delaware  
Medicine-Preliminary — Einstein/Montefiore Medical Center, NY  
Neurology — New York University School of Medicine, NY

CHARLES FISCHER.....Haymarket, VA  
B.A., Bucknell University  
Internal Medicine — George Washington University, DC

ANDREW FLEISCHMAN.....Cherry Hill, NJ  
B.S., The Pennsylvania State University  
Orthopaedics Research — Thomas Jefferson University, PA

^ JENNA FOX.....Rockwood, PA  
B.S., Temple University  
Family Medicine — Lancaster General Hospital, PA

^ STEVEN FOX.....Norristown, PA  
*Summa Cum Laude*  
AOA  
B.S., The Pennsylvania State University  
Internal Medicine/Global Health — University of Pittsburgh Medical Center Medical Education, PA

ELIZA FRADKIN.....Levittown, PA  
B.S., Villanova University  
Pediatrics — Sidney Kimmel Medical College/duPont Children's Hospital, PA

JASON FRANKLIN.....St. David's, PA  
B.A., University of Virginia  
Medicine-Preliminary — Advocate Lutheran General Hospital, IL  
Ophthalmology — Nassau University, NY

KATHERINE FRITTON.....Ardmore, PA  
*Summa Cum Laude*  
AOA  
B.S., Cornell University  
Obstetrics/Gynecology — Johns Hopkins University Hospital, MD

LAUREN GALINAT.....Wilmington, DE  
*Summa Cum Laude*  
AOA  
B.S.E., Duke University  
Otolaryngology — Thomas Jefferson University, PA

JUSTIN GAMEZ.....Phoenix, AZ  
B.S., Arizona State University  
Obstetrics/Gynecology — University of Arizona Affiliated Hospitals, AZ

ANKIT GANDHI.....Tampa, FL  
*Cum Laude*  
B.S., The Pennsylvania State University  
Medicine-Preliminary — Drexel University COM/Hahnemann University Hospital, PA  
Radiology-Diagnostic — Thomas Jefferson University, PA

MATTHEW GLAVIN.....Doylestown, PA  
B.S., Bucknell University  
Medicine-Preliminary — Christiana Care, DE  
Radiology-Diagnostic — Thomas Jefferson University, PA

BENJAMIN GOLDENBERG.....Newton, MA  
B.A., Colby College  
Internal Medicine — Walter Reed National Medical Center, MD

^ ZACHARY GOLDSTEIN.....Holmdel, NJ  
B.S., College of New Jersey  
Pediatrics — North Shore-Long Island Jewish Health System, NY

AOA — Alpha Omega Alpha Honor Medical Society

\* Also receiving a Doctor of Philosophy Degree from Jefferson Graduate School of Biomedical Sciences

† Also receiving a Master of Business Administration Degree from Widener University

^ Also completed College within the College Scholarly Concentration in Population Health

§ Also completed College within the College Scholarly Concentration in Clinical and Translational Research

AOA — Alpha Omega Alpha Honor Medical Society

\* Also receiving a Doctor of Philosophy Degree from Jefferson Graduate School of Biomedical Sciences

† Also receiving a Master of Business Administration Degree from Widener University

^ Also completed College within the College Scholarly Concentration in Population Health

§ Also completed College within the College Scholarly Concentration in Clinical and Translational Research



GUSTAVO GOMEZ ..... Tannersville, PA  
B.S., University of Pittsburgh  
Family Medicine — Excelsa Health-Latrobe Hospital, PA

\* CHELAIN GOODMAN ..... Thousand Oaks, CA  
B.A., Swarthmore College  
Medicine-Preliminary — Lankenau Medical Center, PA  
Radiation Oncology — Northwestern McGaw/NMH/VA, IL

AARON GOPAL ..... Belle Mead, NJ  
B.S., The Pennsylvania State University  
Internal Medicine — Medical College of Georgia, GA

MAX GREENKY ..... Fayetteville, NY  
AOA  
B.A., University of Pennsylvania  
Orthopaedics — Thomas Jefferson University, PA

ANNA GRIFFITH ..... Lewisburg, PA  
B.A., College of William and Mary  
Internal Medicine — University of North Carolina Hospitals, NC

^ ELIJAH GRILLO ..... Dingmans Ferry, PA  
AOA  
B.S., West Chester University  
Medicine-Primary Care — University of Colorado School of  
Medicine-Denver, CO

SHANNON GRIMES ..... Lower Gwynedd, PA  
B.A., University of Pennsylvania  
Obstetrics/Gynecology — Lankenau Medical Center, PA

RACHAEL GROSSO ..... Philadelphia, PA  
B.S., The Pennsylvania State University  
Internal Medicine — Thomas Jefferson University, PA

§ JULIANA GUARENTE ..... Hurley, NY  
B.S., Brown University  
Obstetrics/Gynecology — Thomas Jefferson University, PA

SRIHARSHA GUMMADI ..... Austin, TX  
*Cum Laude*  
B.S., The Pennsylvania State University  
Surgery — Lankenau Medical Center, PA

KANIKA GUPTA ..... Pittsburgh, PA  
B.A., George Washington University  
Pediatrics — Sidney Kimmel Medical College/duPont Children's  
Hospital, PA

^ NEIL HAIDORFER ..... Takoma Park, MD  
B.S., University of Maryland-Baltimore County  
Emergency Medicine — Einstein/Jacobi Medical Center, NY

ELIZABETH HANSON ..... Auburn, AL  
*Cum Laude*  
B.A., University of Pennsylvania  
Emergency Medicine — SUNY Health Science Center-Brooklyn,  
NY

FAHIM HASHMI ..... Vero Beach, FL  
B.S., The Pennsylvania State University  
Transitional — St. Mary Mercy Hospital, MI  
Radiology-Diagnostic — North Shore-Long Island Jewish  
Health System, NY

EZRA HAZAN ..... Brooklyn, NY  
*Cum Laude*  
B.S., State University of New York-Binghamton  
Medicine-Preliminary — Maimonides Medical Center, NY  
Dermatology — Thomas Jefferson University, PA

BENJAMIN HENDY ..... Sandy, UT  
*Cum Laude*  
AOA  
B.S., University of Utah  
Orthopaedics — Thomas Jefferson University, PA

ERIK HENKELMAN ..... Swarthmore, PA  
B.S., Duke University  
Orthopaedics — Boston University Medical Center, MA

§ KEVIN HENRICHSEN ..... Shamong, NJ  
B.S., Drexel University  
Orthopaedics — Allegheny General Hospital, PA

LIOR HIRSCH ..... North Miami Beach, FL  
*Cum Laude*  
AOA  
B.S., University of Florida  
Surgery-Preliminary — Hospital of the University of Pennsylvania,  
PA  
Urology — Hospital of the University of Pennsylvania, PA

NORA HOMSI ..... Chicago, IL  
B.A., University of Rochester  
Internal Medicine — Lincoln Medical Center, NY

^ JOSEPH HONG ..... Castro Valley, CA  
B.A., University of California-Davis  
Internal Medicine — California Pacific Medical Center, CA

BRYAN HOZACK ..... Philadelphia, PA  
B.A., Davidson College  
Orthopaedics — Thomas Jefferson University, PA

AOA — Alpha Omega Alpha Honor Medical Society

\* Also receiving a Doctor of Philosophy Degree from Jefferson Graduate School of Biomedical Sciences

† Also receiving a Master of Business Administration Degree from Widener University

^ Also completed College within the College Scholarly Concentration in Population Health

§ Also completed College within the College Scholarly Concentration in Clinical and Translational Research

PEIFEN SOPHIA HU ..... Ambler, PA  
B.A., Case Western Reserve University  
Family Medicine — Kaiser Permanente-San Diego, CA

ALICE HUGHES ..... New Canaan, CT  
*Magna Cum Laude*  
AOA  
B.S., University of Connecticut  
Orthopaedics — George Washington University, DC

§ DANIELLE HUTCHINGS ..... Rockford, MI  
*Cum Laude*  
B.S., University of Michigan  
Pathology — Johns Hopkins Hospital, MD

PRASHANTH IYER ..... South Brunswick, NJ  
B.A., Rutgers University  
Medicine-Preliminary — Christiana Care, DE  
Ophthalmology — Drexel University College of Medicine, PA

KAVITA JACKSON ..... Plymouth-Canton, MI  
B.S., University of Michigan  
Emergency Medicine — Albert Einstein Medical Center, PA

ESTHER JEONG ..... Calgary, AB  
B.A., Cornell University  
Pediatrics-Primary Care — Einstein/Montefiore Medical  
Center, NY

JOYCE JHANG ..... Hoffman Estates, IL  
B.A., Illinois Wesleyan University  
Surgery — Vidant Medical Center/East Carolina University, NC

DREW JOHNSON ..... Ambler, PA  
*Cum Laude*  
B.S., The Pennsylvania State University  
Internal Medicine — Thomas Jefferson University, PA

^ PRIYA JOSHI ..... Princeton, NJ  
*Cum Laude*  
AOA  
B.S., The Pennsylvania State University  
Medicine-Primary Care — Hospital of the University of  
Pennsylvania, PA

ALEXANDER JUHN ..... San Mateo, CA  
B.A., University of California-Los Angeles  
Medicine-Preliminary — Alameda County Medical Center, CA  
Ophthalmology — Temple University Hospital, PA

§ WAYNEHO KAM ..... Cary, NC  
AOA  
B.A., Duke University  
Neurology — Vanderbilt University Medical Center, TN

PAUL KANNARKATT ..... York, PA  
B.S., The Pennsylvania State University  
Internal Medicine — Cooper University Hospital, NJ

ANDREW KARASICK ..... Gladwyne, PA  
B.A., Brandeis University  
Transitional — Bassett Medical Center, NY  
Preventive Medicine — Johns Hopkins-Bloomberg School of  
Public Health, MD

ANDREW KAY ..... Newton, MA  
B.A., Duke University  
Orthopaedics — Methodist Hospital-Houston, TX

^ YOU NA KHEIR ..... Incheon, South Korea  
B.S., Boston University  
(Residency deferred)

MOHAMMAD ALI KHOSHNEVISAN ..... Germantown, MD  
B.S., Juniata College  
Surgery-Preliminary — Thomas Jefferson University, PA

MICHELE KHURANA ..... Freehold, NJ  
*Cum Laude*  
AOA  
B.S., Virginia Commonwealth University  
Medicine-Preliminary — Yale-New Haven Hospital, CT

HANNAH KING ..... Warren, PA  
B.S., The Pennsylvania State University  
Pediatrics — University of Michigan Hospitals-Ann Arbor, MI

ALEX KOO ..... Herndon, VA  
B.A., University of Virginia  
Emergency Medicine — Madigan Army Medical Center, WA

DREW KOTLER ..... Wynnwood, PA  
B.A., Northwestern University  
Internal Medicine — Thomas Jefferson University, PA

GEOFFREY KOZAK ..... Huntingdon, PA  
B.S., Carnegie Mellon University  
Surgery — Thomas Jefferson University, PA

DANIEL KRAMER ..... Voorhees, NJ  
*Magna Cum Laude*  
B.A., Lafayette College  
Internal Medicine — Thomas Jefferson University, PA

AOA — Alpha Omega Alpha Honor Medical Society

\* Also receiving a Doctor of Philosophy Degree from Jefferson Graduate School of Biomedical Sciences

† Also receiving a Master of Business Administration Degree from Widener University

^ Also completed College within the College Scholarly Concentration in Population Health

§ Also completed College within the College Scholarly Concentration in Clinical and Translational Research



§ BRANDON KUJAWSKI.....Scranton, PA  
*Magna Cum Laude*  
 B.S., University of Scranton  
 Neurological Surgery — Allegheny General Hospital, PA

JEEVAN KUMAR.....Dallas, TX  
 B.S., The Pennsylvania State University  
 Internal Medicine — Temple University Hospital, PA

† ^ MARIANA KUPERMAN.....Philadelphia, PA  
 B.A., George Washington University  
 Family Medicine — Thomas Jefferson University, PA

MAUSAM KUVADIA.....Barrington, IL  
 B.S., The Pennsylvania State University  
 Medicine-Preliminary — Drexel University COM/Hahnemann  
 University Hospital, PA  
 Anesthesiology — Georgetown University Hospital, DC

COURTNEY LAMBERTON.....Cranston, RI  
*Magna Cum Laude*  
 AOA  
 B.S., Providence College  
 Medicine-Pediatrics — Duke University Medical Center, NC

MARY LARIJANI.....Wayne, PA  
*Magna Cum Laude*  
 AOA  
 B.S., University of Michigan  
 Medicine-Preliminary — Lankenau Medical Center, PA  
 Dermatology — Drexel University COM/Hahnemann University  
 Hospital, PA

§ BRIAN LEE.....Hockessin, DE  
 B.S., Brown University  
 Transitional — Hennepin County Medical Center, MN  
 Ophthalmology — University of Minnesota, MN

SHARON LI.....Princeton, NJ  
 B.S., The Pennsylvania State University  
 Internal Medicine — Thomas Jefferson University, PA

HUEI-WEN LIM.....Petaling Jaya, Malaysia  
 International Medical University  
 Internal Medicine — North Shore-Long Island Jewish Hospital,  
 NY

JEFFREY LIPMAN.....Narberth, PA  
 B.A., University of Pennsylvania  
 Surgery — Einstein/Montefiore Medical Center, NY

LAURA LIVADITIS.....York, PA  
 B.A., Johns Hopkins University  
 Pediatrics — Johns Hopkins Hospital, MD

SARA LOW.....Kuala Lumpur, Malaysia  
 International Medical University  
 Orthopaedics — Albert Einstein Medical Center, PA

EMMA LUNDSMITH.....Chapel Hill, NC  
 B.S., University of North Carolina  
 Internal Medicine — Thomas Jefferson University, PA

NICHOLAS LYTLE.....West Bloomfield, MI  
 B.A., Vanderbilt University  
 Internal Medicine — University of Tennessee-St. Thomas  
 Hospitals, TN

LINDSAY MAMMARELLA.....Newark, DE  
 B.A., University of Virginia  
 Family Medicine — University of Rochester/Strong Memorial  
 Hospital, NY

^ DAVID MANISCALCO.....Danville, CA  
 B.A., University of California-Santa Barbara  
 Internal Medicine — Virginia Commonwealth University  
 Health System, VA

HOLLIE MATLIN.....New York, NY  
 B.A., Wesleyan University  
 Anesthesiology — Yale-New Haven Hospital, CT

JACOB MCFADDEN.....Colchester, VT  
*Magna Cum Laude*  
 AOA  
 B.S., University of Vermont  
 Surgery — Walter Reed National Medical Center, MD

KATHLEEN MCGUINN.....Seven Valleys, PA  
 B.S., Gettysburg College  
 Medicine-Preliminary — Lankenau Medical Center, PA  
 Dermatology — Thomas Jefferson University, PA

JAMES MCKENZIE.....Drexel Hill, PA  
*Cum Laude*  
 B.S., Syracuse University  
 Orthopaedics — Thomas Jefferson University, PA

HEATHER MCMAHON.....Mill Valley, CA  
*Cum Laude*  
 AOA  
 B.S., Haverford College  
 Plastic Surgery — University of Virginia, VA

KELLY MCNAMARA.....Ambler, PA  
 B.A., Johns Hopkins University  
 Obstetrics/Gynecology — SUNY Upstate Medical University, NY

JAYA MEHTA.....Palos Verdes, CA  
 B.A., University of California-Berkeley  
 Internal Medicine — Mayo School of Graduate Medical Education,  
 AZ

NEAL MEHTA.....Woburn, MA  
 B.S., The Pennsylvania State University  
 Internal Medicine — Cleveland Clinic Foundation, OH

PHOEBE MELLEN.....Cherry Hill, NJ  
*Summa Cum Laude*  
 AOA  
 B.S., University of Notre Dame  
 Medicine-Preliminary — Brigham & Women's Hospital, MA  
 Ophthalmology — Wills Eye Institute, PA

JOSEPH MENDELIS.....Encino, CA  
 B.A., California State University-Northridge  
 Orthopaedics — Einstein/Montefiore Medical Center, NY

LAURA METHVIN.....Newark, DE  
 B.A., Drew University  
 Internal Medicine — Rutgers-Robert Wood Johnson Medical  
 School, NJ

MICHELA MICKLER.....Wynnewood, PA  
 B.A., University of Virginia  
 Medicine-Preliminary — Temple University, PA

CAITLIN MINGEY.....Erie, PA  
*Cum Laude*  
 B.S., The Pennsylvania State University  
 Internal Medicine — George Washington University, DC

§ ANITA MODI.....Monmouth Junction, NJ  
 B.S., The Pennsylvania State University  
 Internal Medicine — Thomas Jefferson University, PA

JULIE MONAGHAN.....Wynnewood, PA  
 B.A., Swarthmore College  
 Pediatrics — Sidney Kimmel Medical College/duPont Children's  
 Hospital, PA

PHILICIA MOONSAMY.....Durban, South Africa  
*Magna Cum Laude*  
 AOA  
 B.A., University of Pennsylvania  
 Surgery — Massachusetts General Hospital, MA

ANDREW MORGAN.....Mount Laurel, NJ  
 B.A., Rutgers University  
 Surgery — Cooper University Hospital, NJ

§ KEITH MORSE.....Seattle, WA  
 B.A., Washington University  
 Pediatrics — Phoenix Children's Hospital, AZ

SPENSER MORTON.....West Chester, PA  
 AOA  
 B.S., The Pennsylvania State University  
 Medicine-Preliminary — University of Iowa Hospitals & Clinics, IA  
 Ophthalmology — University of Iowa, IA

JEFFREY MUENZER.....West Chester, PA  
 B.S., Washington and Lee University  
 Emergency Medicine — Drexel University COM/Hahnemann  
 University Hospital, PA

MATTHEW MURPHY.....Scranton, PA  
 B.S., University of Scranton  
 Internal Medicine — Thomas Jefferson University, PA

KRISTA NEAL.....Wilmington, DE  
 B.S., University of Delaware  
 Obstetrics/Gynecology — North Shore-Long Island Jewish  
 Hospital, NY

NGOC NGUYEN.....Wilmington, DE  
 B.A., University of Delaware  
 Anesthesiology — Cleveland Clinic Foundation, OH

LAUREN NICHOLLS.....Jermyn, PA  
 B.S., University of Scranton  
 Family Medicine — University of Rochester/Strong Memorial  
 Hospital, NY

THOMAS NOVACK.....State College, PA  
 B.S., The Pennsylvania State University  
 Orthopaedics — Seton Hall University School of Health &  
 Medical Science, NJ

§ MATTHEW NUDY.....Fleetwood, PA  
 B.S., Albright College  
 Internal Medicine — Hershey Medical Center/Pennsylvania  
 State University, PA

§ ADAM OLSZEWSKI.....Curwensville, PA  
 AOA  
 B.S., Mercyhurst College  
 Surgery-Preliminary — Thomas Jefferson University, PA

YINN SHAUNG OOI.....Kuala Lumpur, Malaysia  
 International Medical University  
 Internal Medicine — Lankenau Medical Center, PA

AOA — Alpha Omega Alpha Honor Medical Society

\* Also receiving a Doctor of Philosophy Degree from Jefferson Graduate School of Biomedical Sciences

† Also receiving a Master of Business Administration Degree from Widener University

^ Also completed College within the College Scholarly Concentration in Population Health

§ Also completed College within the College Scholarly Concentration in Clinical and Translational Research

AOA — Alpha Omega Alpha Honor Medical Society

\* Also receiving a Doctor of Philosophy Degree from Jefferson Graduate School of Biomedical Sciences

† Also receiving a Master of Business Administration Degree from Widener University

^ Also completed College within the College Scholarly Concentration in Population Health

§ Also completed College within the College Scholarly Concentration in Clinical and Translational Research



§ PETER OWENS.....Downingtown, PA  
B.S., The Pennsylvania State University  
Emergency Medicine — Hershey Medical Center/Pennsylvania State University, PA

SNEHA PADIDAM.....Chalfont, PA  
*Cum Laude*  
AOA  
B.S., The Pennsylvania State University  
Medicine-Preliminary — Lankenau Medical Center, PA  
Ophthalmology — Kresge Eye Institute-Wayne State University, MI

LAUREN PALLIS.....Piedmont, CA  
B.A., University of California-Berkeley  
Family Medicine — Contra Costa Regional Medical Center, CA

ASHLEY PANICHELLI.....New Castle, DE  
*Cum Laude*  
AOA  
B.A., Middlebury College  
Family Medicine — Christiana Care, DE

ALISON PANOSIAN.....Chatham, NJ  
B.A., Bryn Mawr College  
Emergency Medicine — Albert Einstein Medical Center, PA

ELISE PAQUIN.....Philadelphia, PA  
B.A., Boston University  
Surgery-Preliminary — North Shore-Long Island Jewish Hospital, NY

ANTHONY PAREDO.....Mound, MN  
B.S., University of Wisconsin  
Transitional — University of North Dakota School of Medicine, ND  
Ophthalmology — State University of New York-Downstate, NY

PETER PARK.....Hatboro, PA  
B.A., Emory University  
Surgery-Preliminary — Temple University, PA

MARKIAN PAZUNIAK.....Wilmington, DE  
B.A., Washington University  
Psychiatry — Albert Einstein Medical Center, PA

MICHAEL PETERS.....Cody, WY  
B.S., University of Wyoming  
Anesthesiology — University of Utah Affiliated Hospitals, UT

MONICA PHAM.....Toronto, ON  
B.S., University of Toronto  
Family Medicine — University of Toronto, CN

KONSTANTINOS PILIDIS.....Broomall, PA  
B.S., Temple University  
Anesthesiology — University of Rochester/Strong Memorial Hospital, NY

JOVAN PLAMENAC.....San Marcos, CA  
B.S., University of California-Los Angeles  
Internal Medicine — Temple University Hospital, PA

SOPHIA POORSATTAR.....Ventura, CA  
B.S., University of California-Los Angeles  
Anesthesiology — University of California-Los Angeles Medical Center, CA

^ ALLISON RAGUE.....Wellsboro, PA  
B.A., Gettysburg College  
Family Medicine — Thomas Jefferson University, PA

SHANA RAKOWSKY.....Doylestown, PA  
B.A., Georgetown University  
Internal Medicine — Beth Israel Deaconess Medical Center, MA

STEPHANIE RAND.....West Grove, PA  
B.S., Lincoln University  
Obstetrics/Gynecology — University of Illinois College of Medicine-Chicago, IL

DAVID REILLY.....Long Valley, NJ  
*Summa Cum Laude*  
AOA  
B.S., Bucknell University  
Transitional — Walter Reed National Medical Center, MD

\* DAVID RITTER.....Fremont, IN  
B.S., Grace College  
Child Neurology — Cincinnati Children's Hospital Medical Center, OH

AMANDA RIVERA.....Allentown, PA  
*Cum Laude*  
B.S., University of the Sciences Philadelphia  
Transitional — St. Luke's Hospital-Bethlehem, PA  
Radiation Oncology — Einstein/Montefiore Medical Center, NY

JUSTIN RODRIGUEZ.....Concord, NC  
*Cum Laude*  
AOA  
B.S., Wake Forest University  
Medicine-Preliminary — Carolinas Medical Center, NC  
Radiology-Diagnostic — University of North Carolina Hospitals, NC

BENJAMIN ROOT.....St. Louis, MO  
B.S., University of Michigan  
Internal Medicine — New York University School of Medicine, NY

NICHOLAS ROSS.....New York, NY  
*Cum Laude*  
AOA  
B.A., Syracuse University  
Medicine-Preliminary — Pennsylvania Hospital, PA  
Dermatology — Thomas Jefferson University, PA

AOA – Alpha Omega Alpha Honor Medical Society

\* Also receiving a Doctor of Philosophy Degree from Jefferson Graduate School of Biomedical Sciences

† Also receiving a Master of Business Administration Degree from Widener University

^ Also completed College within the College Scholarly Concentration in Population Health

§ Also completed College within the College Scholarly Concentration in Clinical and Translational Research

DEVIN RUIZ.....Redlands, CA  
B.A., University of Rochester  
Otolaryngology — Tufts Medical Center, MA

^ KEVIN RURAK.....Paris, France  
B.A., University of Pennsylvania  
Internal Medicine — Drexel University COM/Hahnemann University Hospital, PA

MEENA SADAPS.....Sterling Heights, MI  
B.S., The Pennsylvania State University  
Internal Medicine — Cleveland Clinic Foundation, OH

JULIE SALEEBY.....Raleigh, NC  
B.S., North Carolina State University  
Emergency Medicine — University of North Carolina Hospitals, NC

RINO SATO.....Wallingford, PA  
*Magna Cum Laude*  
AOA  
B.S., The Pennsylvania State University  
Internal Medicine — Thomas Jefferson University, PA

SHIVAM SAXENA.....Dayton, NJ  
*Summa Cum Laude*  
B.S., The Pennsylvania State University  
Internal Medicine — Thomas Jefferson University, PA

MEGHAN SCHLITT.....Haddonfield, NJ  
B.S., Lafayette College  
Pediatrics — Einstein/Montefiore Medical Center, NY

DANIELLE SEIDEN.....Brookville, NY  
B.A., Johns Hopkins University  
Internal Medicine — Icahn School of Medicine-Beth Israel Hospital, NY

§ NAOMI SELL.....Redwood City, CA  
*Magna Cum Laude*  
AOA  
B.A., Johns Hopkins University  
Surgery — Massachusetts General Hospital, MA

SAMIR SETHI.....Newark, DE  
B.A., University of Delaware  
Medicine-Preliminary — Albert Einstein Medical Center, PA  
Anesthesiology — George Washington University, DC

NICOLE SGROMOLO.....Kingwood, NJ  
*Magna Cum Laude*  
AOA  
B.A., University of Delaware  
Orthopaedics — San Antonio Military Medical Center, TX

AOA – Alpha Omega Alpha Honor Medical Society

\* Also receiving a Doctor of Philosophy Degree from Jefferson Graduate School of Biomedical Sciences

† Also receiving a Master of Business Administration Degree from Widener University

^ Also completed College within the College Scholarly Concentration in Population Health

§ Also completed College within the College Scholarly Concentration in Clinical and Translational Research

MANAN SHAH.....Upper Darby, PA  
B.S., Drexel University  
Pediatrics — Yale-New Haven Hospital, CT

^ SHAILEE SHAH.....Warrenville, IL  
B.S., The Pennsylvania State University  
Medicine-Preliminary — Northwestern McGaw/NMH/VA, IL  
Neurology — Northwestern McGaw/NMH/VA, IL

ROZANA SHAHIDULLAH.....North Woodmere, NY  
B.A., City University of New York-Brooklyn College  
Pediatrics — Virginia Commonwealth University Health System, VA

DANIEL SHAPIRO.....Jupiter, FL  
B.S., Fairfield University  
Anesthesiology — Baylor College of Medicine-Houston, TX

ALEXIS SHARPE.....Woodbridge, CT  
B.A., University of Pennsylvania  
Internal Medicine — Icahn School of Medicine at Mount Sinai, NY

TRENT SHE.....Old Tappan, NJ  
B.S., The Pennsylvania State University  
Emergency Medicine — Icahn School of Medicine-Beth Israel Hospital, NY

EMILY SHERRARD.....Hopewell, NJ  
B.S., Duke University  
(Residency deferred)

DARYA SHEVCHENKO.....Kharkiv, Ukraine  
B.S., Temple University  
Anesthesiology — University of Rochester/Strong Memorial Hospital, NY

LAURA SICKLES.....Larchmont, NY  
AOA  
B.A., University of Pennsylvania  
Psychiatry — New York Presbyterian Hospital-Weill Cornell Medical Center, NY

NIMRITA SIDHU.....Crownsville, MD  
B.S., Georgetown University  
Internal Medicine — Thomas Jefferson University, PA

PREYA SIMLOTE.....Leonardtown, MD  
B.S., The Pennsylvania State University  
Internal Medicine — University of Rochester/Strong Memorial Hospital, NY

CINDY SIU.....Dover, DE  
B.S., Bucknell University  
Family Medicine — Christiana Care, DE



EVAN SMITH..... Lincoln, RI  
B.A., Middlebury College  
Internal Medicine — Dartmouth-Hitchcock Medical Center, NH

GLENNA SMITH ..... Washington, DC  
B.A., Columbia University  
Psychiatry — Hospital of the University of Pennsylvania, PA

RYAN SMITH ..... Yorklyn, DE  
B.A., Tufts University  
Medicine-Preliminary — University of Utah Affiliated Hospitals, UT  
Ophthalmology — Stanford University, CA

JORDAN SMOKER ..... Intercourse, PA  
B.S., Shippensburg University  
Anesthesiology — Thomas Jefferson University, PA

^ GREGORY SNYDER ..... Media, PA  
AOA  
B.A., Princeton University  
Internal Medicine — Brigham & Women's Hospital, MA

GARRET SOBOL..... Philadelphia, PA  
AOA  
B.A., University of Pennsylvania  
Orthopaedics — Rutgers-New Jersey Medical School, NJ

§ PRANAY SONI ..... Allegany, NY  
*Magna Cum Laude*  
AOA  
B.S., The Pennsylvania State University  
Neurological Surgery — Cleveland Clinic Foundation, OH

CHRISTOPHER SPEARMAN.....Baden, PA  
B.S., The Pennsylvania State University  
Medicine-Preliminary — Lankenau Medical Center, PA  
Ophthalmology — University of Wisconsin, WI

ANDREA ST. CYR..... Adams, MA  
B.A., Williams College  
Medicine-Preliminary — University of Massachusetts Medical School, MA  
Anesthesiology — Tufts Medical Center, MA

GIUSEPPE STALTARI..... Pittsburgh, PA  
B.S., Duquesne University  
Otolaryngology — University of Pittsburgh Medical Center Medical Education, PA

§ ANTHONY STEFANELLI ..... Bear Creek, PA  
*Magna Cum Laude*  
AOA  
B.S., University of Scranton  
Neurological Surgery — Thomas Jefferson University, PA

JUSTIN STEINBERG ..... Philadelphia, PA  
B.A., University of Pennsylvania  
Emergency Medicine — Louisiana State University School of Medicine-Baton Rouge, LA

SUZANNE STRAUS..... Philadelphia, PA  
B.S., New York University  
Emergency Medicine — Thomas Jefferson University, PA

ADAM STUBERT ..... Greenville, PA  
B.S., The Pennsylvania State University  
Family Medicine — University of Pittsburgh Medical Center-St. Margaret Hospital, PA

LLOYD TANNENBAUM.....Dresher, PA  
B.S., Ursinus College  
Transitional — San Antonio Military Medical Center, TX

STEPHANIE TENG ..... Berwyn, PA  
B.S., The Pennsylvania State University  
Obstetrics/Gynecology — Washington Hospital Center, DC

DANIELLE THOMPSON ..... Brookline, NH  
*Cum Laude*  
B.A., Emory University  
Transitional — Christiana Care, DE

KRISTINA THURIN ..... Bethesda, MD  
B.A., Vanderbilt University  
Psychiatry — University of Chicago Medical Center, IL

JESSICA TORRES ..... Hatboro, PA  
B.A., University of Delaware  
Obstetrics/Gynecology — Pennsylvania Hospital, PA

DANIELLE TOUSSIE ..... New York, NY  
B.S., University of Pennsylvania  
Medicine-Preliminary — Icahn School of Medicine-St. Luke's-Roosevelt Hospital, NY  
Radiology-Diagnostic — Icahn School of Medicine at Mount Sinai, NY

MEREDITH TURNER ..... Nassau, Bahamas  
B.S., Emory University  
Family Medicine — Jackson Memorial Hospital, FL

NEIL VADHAR.....Hockessin, DE  
B.S., University of Delaware  
Transitional — Lehigh Valley Hospital, PA  
Ophthalmology — Rutgers-Robert Wood Johnson Medical School, NJ

^ ANN VALE..... Haverford, PA  
B.A., Princeton University  
Obstetrics/Gynecology — Lankenau Medical Center, PA

JOHN VAN HOFF .....Hamden, CT  
B.S., University of Rochester  
Pediatrics — Children's Hospital-Oakland, CA

COLIN VROOME .....Havertown, PA  
B.S., Villanova University  
Orthopaedics — Temple University Hospital, PA

JEFFREY WALKER.....Media, PA  
B.S., Duke University  
Surgery-Preliminary — Hershey Medical Center/Pennsylvania State University, PA  
Urology — Hershey Medical Center/Pennsylvania State University, PA

§ DAVID WALLS .....Avon, CT  
B.S., University of Connecticut  
Surgery — Rutgers-Robert Wood Johnson Medical School, NJ

GRACE WANG ..... Richmond, VA  
B.S., Washington and Lee University  
Pediatrics — Hershey Medical Center/Pennsylvania State University, PA

^ ALISSA WERZEN .....Wilmington, DE  
*Magna Cum Laude*  
AOA  
B.A., University of Delaware  
Medicine-Pediatrics — University of Maryland Medical Center, MD

GREGORY WIGGER ..... Villa Hills, KY  
*Cum Laude*  
B.S., Vanderbilt University  
Internal Medicine — University of Cincinnati Medical Center, OH

KATHERINE WILHELMY.....Greensburg, PA  
B.A., Cornell University  
Family Medicine — University of Pittsburgh Medical Center-St. Margaret Hospital, PA

LEAH WINER.....St. Louis, MO  
B.A., Washington University  
Surgery — University of Cincinnati Medical Center, OH

NICHOLAS WINGATE..... West Chester, PA  
B.A., Vanderbilt University  
Plastic Surgery — University of Rochester/Strong Memorial Hospital, NY

ADAM WINTERS..... Northport, NY  
B.S., The Pennsylvania State University  
Internal Medicine — Icahn School of Medicine at Mount Sinai, NY

^ ANGELA WONG.....Saratoga, CA  
B.A., Brown University  
Medicine-Primary Care — Icahn School of Medicine at Mount Sinai, NY

KRISTEN WOODWARD ..... Pembroke, Bermuda  
B.A., Georgetown University  
Pediatrics — Rhode Island Hospital/Brown University, RI

KATHERINE WURLITZER..... Richmond, VA  
*Cum Laude*  
B.A., Northwestern University  
Emergency Medicine — Denver Health Medical Center, CO

^ JONATHAN YADLOSKY .....McMurray, PA  
B.E., University of Dayton  
Family Medicine — University of Pittsburgh Medical Center-St. Margaret Hospital, PA

§ LINDA YAN.....Cleveland, OH  
B.S., The Pennsylvania State University  
Internal Medicine — Thomas Jefferson University, PA

JENNY YANG ..... Swarthmore, PA  
*Magna Cum Laude*  
AOA  
B.S., Davidson College  
Internal Medicine — University of California San Diego Medical Center, CA

JAY YARLAGADDA.....Lafayette, CA  
B.A., The Pennsylvania State University  
Internal Medicine — Henry Ford Health Science Center, MI

XUEMEI YE ..... Beijing, China  
B.S., Michigan State University  
Internal Medicine — Scripps Mercy Hospital-San Diego, CA

JOCELYN YOUNG .....Walnut, CA  
B.A., Pomona College  
Pediatrics — University of California-Davis Medical Center, CA

ANANO ZANGALADZE .....Moorestown, NJ  
B.A., Rutgers University  
Pediatrics — Albert Einstein Medical Center, PA

ALICE ZHANG ..... New York, NY  
B.S., Carnegie Mellon University  
Medicine-Preliminary — North Shore-Long Island Jewish Health System, NY  
Ophthalmology — Henry Ford Hospital, MI

AOA — Alpha Omega Alpha Honor Medical Society

\* Also receiving a Doctor of Philosophy Degree from Jefferson Graduate School of Biomedical Sciences

† Also receiving a Master of Business Administration Degree from Widener University

^ Also completed College within the College Scholarly Concentration in Population Health

§ Also completed College within the College Scholarly Concentration in Clinical and Translational Research

AOA — Alpha Omega Alpha Honor Medical Society

\* Also receiving a Doctor of Philosophy Degree from Jefferson Graduate School of Biomedical Sciences

† Also receiving a Master of Business Administration Degree from Widener University

^ Also completed College within the College Scholarly Concentration in Population Health

§ Also completed College within the College Scholarly Concentration in Clinical and Translational Research



MICHAEL ZHANG ..... Villanova, PA B.S., Johns Hopkins University Surgery-Preliminary — Icahn School of Medicine-Beth Israel Hospital, NY Urology — New York Medical College, NY	§ ELLIE ZHENG ..... Wynnewood, PA B.A., Swarthmore College Family Medicine — Geisinger Health System, PA
SARAH ZHANG ..... Cherry Hill, NJ B.S., The Pennsylvania State University Emergency Medicine — Wayne State University/Detroit Medical Center, MI	AUDRA ZIMMER ..... Pittsburgh, PA B.S., University of Pittsburgh Transitional — Crozer-Chester Medical Center, PA Ophthalmology — Tulane University, LA
ANDREW ZHENG ..... Toronto, ON B.A., University of Pennsylvania Surgery — Cooper University Hospital, NJ	SAMUEL ZONSHAYN ..... Huntingdon Valley, PA B.S., The Pennsylvania State University Orthopaedics — Albany Medical Center, NY
	ZINTA ZVARGULIS ..... Chester Springs, PA B.S., Bucknell University Emergency Medicine — Cooper University Hospital, NJ

AOA – Alpha Omega Alpha Honor Medical Society  
 \* Also receiving a Doctor of Philosophy Degree from Jefferson Graduate School of Biomedical Sciences  
 † Also receiving a Master of Business Administration Degree from Widener University  
 ^ Also completed College within the College Scholarly Concentration in Population Health  
 § Also completed College within the College Scholarly Concentration in Clinical and Translational Research

Candidates for the Degree of Master of Science in Immunology and Microbial Pathogenesis

AMBER L. DUNKEL..... Mattoon, IL B.S., University of Illinois-Urbana Thesis Title: “Development of a Bivalent Human Immunodeficiency Virus Type-1 and Rabies Vaccine” Advisor: James McGettigan, Ph.D.	
JULIA KLYUS..... Flemington, NJ B.S., Dickinson College Thesis Title: “Investigating the Role of Nascent Polypeptide-Associated Complex (NAC) in Antigen Processing and Presentation” Advisor: Laurence Eisenlohr, V.M.D., Ph.D.	

Candidate for the Degree of Master of Science in Neuroscience

STEPHANIE SCHLEIDT ..... Wilmington, DE B.S., Ursinus College Thesis Title: “Using Embryonic Stem Cells to Study and Treat Parkinsons Disease” Advisor: Lorraine Iacovitti, Ph.D.	
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--

Candidates for the Degree of Master of Science in Biomedical Sciences

LAURA DERKRIKORIAN HUNSBERGER..... Bryn Mawr, PA B.S., Franklin and Marshall College	
LAN P. OAKMAN..... Philadelphia, PA B.S., Neumann College	
JUSTIN MICHAEL ROCK..... Hereford, PA B.S., Clarion University	
STEFANIE M. ROTHSTEIN..... Holland, PA B.S., Temple University	
SHAHILA SRISKANDA ..... Columbia, SC B.S., College of Charleston	
DAVID KAROL WINTERS..... Branchburg, NJ B.S., Rutgers University	

Candidates for the Degree of Master of Science in Cell and Developmental Biology

EBONEE BIZZELL ..... East Stroudsburg, PA B.S., Temple University	
COLLEEN ELIZABETH LARMOUR..... Philadelphia, PA B.S., Temple University	
STEPHANIE M. LAUDISI ..... Prospect, CT B.S., University of Connecticut	
ERICA MARY MCGOVERN..... Warrington, PA B.S., Villanova University	
JENNIFER YEUNG..... Philadelphia, PA B.S., Drexel University	



Candidates for the Degree of Master of Science in Microbiology

MARIA JOSE CHACON-DORTA .....	Newark, DE
B.S., University of Puerto Rico-Arecibo	
ELIZABETH A. CHRISTIAN .....	Philadelphia, PA
B.S., University of Pittsburgh	
JEKIA COX .....	Baltimore, MD
B.S., Towson University	
CHRISTINE THERESA CURCIONE .....	Somers Point, NJ
B.S., Immaculata University	
BRITTANY DAIUTOLO .....	Magnolia, NJ
B.S., Elizabethtown College	
DANIELLE MARIE GALLO .....	Yorktown Heights, NY
B.S., State University of New York-Binghamton	
RACHEL ROSE GIATRAS .....	Mohnton, PA
B.S., Temple University	
ERICA RAE HART .....	Philadelphia, PA
B.S., Chestnut Hill College	
KANYEBA SANDRA ILUNGA .....	Philadelphia, PA
B.A., Temple University	
ALEXIS JAE LANDAU .....	Lancaster, PA
B.S., Shenandoah University	
DANIELLE M. O'CONNELL .....	Yardley, PA
B.S., University of Scranton	
SUREN RAJAKARUNA .....	Philadelphia, PA
B.S., Elizabethtown College	
ADELLE L. SCHADE .....	Wernersville, PA
B.S., West Chester University of Pennsylvania	
NORA JANE SCHMIDT .....	Westampton, NJ
B.S., Rowan University	
JESSICA L. SCHREITER .....	Zionsville, PA
B.S., The Pennsylvania State University	
COLBY JAY STOTESBURY .....	Horsham, PA
B.A., Arcadia University	
APRIL ROSE TORIGIAN .....	Pemberton, NJ
B.S., Drexel University	
MICHAEL PHILIP YOUNG .....	Toms River, NJ
B.S., The College of New Jersey	
ADAM ROBERT ZAKHEIM .....	Philadelphia, PA
B.A., Haverford College	

Candidates for the Degree of Master of Science in Pharmacology

SAMEH GABALLA .....	Cairo, Egypt
B.S., Ain Shams University	
TOSHIMASA OKABE .....	Kanazawa, Japan
Bachelor of Medicine, University of Tokyo	
NEIL DAVID PALMISIANO .....	Pittsburgh, PA
B.S., The Pennsylvania State University	
RICARDO RESTREPO JARAMILLO .....	Morrisville, PA
B.S., Universidad Prividad Boliviana	
ASHWIN R. SAMA .....	Mount Laurel, NJ
M.B.B.S., Armed Forces Medical College	

Candidate for the Degree of Doctor of Philosophy in Population Health Sciences

KRISTEN L. HOLLINGSWORTH .....	New Hope, PA
M.P.H., University of Connecticut	
Thesis Title: "The Influence of the Risk Evaluation Mitigation Strategy on Erythropoiesis Stimulating Agent Use in Medicare Patients with Breast and Lung Cancers with Chemotherapy Induced Anemia"	
Thesis Advisor: John F. McAna, Ph.D., M.A.	

Candidates for the Degree of Master of Science in Healthcare Quality and Safety

ZIAD W. GHAMRA .....	Sarasota, FL
B.S., American University in Beirut	
BRIAN GLYNN .....	Sicklerville, NJ
B.S., West Chester University of Pennsylvania	
IRVING HUBER .....	Ambler, PA
B.A., City University of New York-Brooklyn College	
PAUL R. SIERZENSKI .....	Bear, DE
B.S., Temple University	

Candidates for the Degree of Master of Public Health

JONATHAN W. BALL .....	Smithsburg, MD
B.S., Towson University	
ELAINE SEATON BANERJEE .....	Lansdale, PA
B.A., Kenyon College	
EVAN DODGE BILHEIMER .....	Westfield, NJ
B.A., University of Rochester	
CAITLIN ISOBEL BILLINGHAM .....	Auburn, CA
B.S., Villanova University	
AMBER YVONNE BOWIE .....	Kinston, NC
B.A., Duke University	
NANCY ELIZABETH BRISBON .....	Philadelphia, PA
M.D., Temple University	
ELIZABETH ANN DE ARMAS .....	Miami, FL
B.S., University of Miami	
RENEE DIXON .....	Rochester, NY
B.A., Lincoln University	



MANNAT DOGRA.....Chandigarh, India  
 Bachelor of Dental Surgery, Padmashree Dr. D.Y. Patil University  
  
 AQUIERA LENEE HALSEY.....Hempstead, NY  
 B.S., Drexel University  
  
 AIMEE M. HERBERT.....Conshohocken, PA  
 B.S., Millersville University of Pennsylvania  
  
 PUNIT MAGANLAL HINSU.....Philadelphia, PA  
 M.B.A., La Salle University  
  
 EVAN E. HUSTED.....Philadelphia, PA  
 B.A., American University  
  
 KRISTEN ALISHA ISAAC.....Bear, DE  
 B.S., Howard University  
  
 LAUREL M. JONES.....Wilmington, DE  
 B.S., University of Delaware  
  
 AMAR JOSHI.....Cherry Hill, NJ  
 B.S., The College of New Jersey  
  
 AMANDA J. KAY.....Wilmington, DE  
 M.D., Loyola University of Chicago  
  
 TUONGVY LUONG.....Philadelphia, PA  
 B.S., University of the Sciences Philadelphia  
  
 ANGIRA MATHUR.....Jodhpur, India  
 BVSc., Rajasthan Agricultural University  
  
 NICOLE ELISHA MATTEUCCI.....Philadelphia, PA  
 B.A., Messiah College  
  
 PHYLICIA A. McFADDIN.....Dallas, TX  
 B.S., Baylor University  
  
 JOSHUA M. MILBER.....Philadelphia, PA  
 B.A., University of Pennsylvania  
  
 ABIBA NAMEN NOUBISSIE.....Foumban, Cameroon  
 B.S., Temple University  
  
 ALISON JEAN O'DONNELL.....Sewickley, PA  
 B.A., Haverford College  
  
 THAO-LY TAM PHAN.....Richmond, VA  
 M.D., Brown University  
  
 DANIELLE RAUCHEISEN.....Philadelphia, PA  
 B.S., The Pennsylvania State University  
  
 NEIL ROHIT SHAH.....Bensalem, PA  
 B.S., University of Pittsburgh  
  
 YELENA SPECTOR.....Southampton, PA  
 B.S., Temple University  
  
 MARTHA STEFANIAK.....Lancaster, PA  
 B.A., Franklin and Marshall College

MELISSA LAURA VALENTINE.....Baltimore, MD  
 B.A., Loyola College  
  
 ARIANE VARLOTTA.....Collegeville, PA  
 B.S., Duquesne University  
  
 LINDSAY NICOLE WAQAR.....Harrisburg, PA  
 B.A., McDaniel College  
  
 PRIYANKA YADAV.....Andaman Islands, India  
 B.Med., Lady Hardinge Medical College  
  
 BRIAN THOMAS ZEPKA.....West Chester, PA  
 B.S., West Chester University of Pennsylvania

### Candidates for the Degree of Master of Science in Healthcare Quality and Safety Management

MICHAEL ROBERT JORDAN.....Rochester, NY  
 M.D., Michigan State University  
  
 MARTIN E. KLEIN.....Flemington, NJ  
 M.D., University of Medicine and Dentistry of New Jersey  
  
 DEBRA GAY PETERSON.....Litchfield, MN  
 B.S., Luther College  
  
 MARK GERARD RISI.....Hamilton, NJ  
 B.S., Rutgers University-New Brunswick

### Candidate for the Degree Master of Science in Applied Health Economics and Outcomes Research

CHRISTINE A. SEVALD.....Ann Arbor, MI  
 M.A., University of Illinois-Urbana

### Candidates for the Degree of Master of Science in Health Policy

MICHAEL B. DURKIN.....Washington Crossing, PA  
 M.S., Columbia University  
  
 TRACY C. ELY.....Ringoes, NJ  
 M.B.A., University of North Carolina-Charlotte  
  
 JOSEPH HULIHAN.....Newtown, PA  
 B.S., Dickinson College  
  
 JILL MARIE HUTT.....Wilmington, DE  
 B.S., Bucknell University  
  
 ALEXANDER JAMES KEENAN.....Hillsborough, NJ  
 B.A., University of Delaware  
  
 JEREMY W. MANN.....Crosswicks, NJ  
 B.A., Arizona State University  
  
 STEPHEN J. SNIDER.....Ringoes, NJ  
 B.S., Florida International University  
  
 MARK THOMAS WOLFE.....Parsippany, NJ  
 B.S., Boston University



## President's Award — M. Fredric Rieders, Ph.D. '85

M. Fredric Rieders, Ph.D. is Vice Chairman of the Board, Corporate Treasurer, Assistant Lab Director and a Forensic Scientist at NMS Labs in Willow Grove, PA, an internationally accredited private, independent clinical toxicology and forensic science laboratory that performs DNA, serology, toxicology, drug chemistry, and expert testimony for the global criminal and civil justice system. NMS Labs is the leading provider of innovative, diagnostic toxicology and other specialty clinical lab services to the US National Reference Lab Network. Dr. Rieders is a CLIA licensed Laboratory Director in Pennsylvania and New York.

Dr. Rieders is a Fellow of The American Academy of Forensic Sciences, a member of the Society of Forensic Toxicologists, The International Association of Forensic Toxicologists, the World Association of Medical Law, the American Association of Clinical Chemistry, and an Affiliate Member of The National Association of Medical Examiners where he serves on their Foundation Board. He served on Pennsylvania's Commission on Wrongful Convictions where he worked with the Forensic Science Subcommittee on recommendations to improve the forensic science investigation system. Rieders served as the Chief Forensic Archeotoxicologist on the Confederate Submarine Hunley crew excavation and analysis team in Charleston, SC. Dr. Rieders has qualified as an Expert in Forensic Toxicology and testified in numerous criminal, civil and arbitration proceedings.

Dr. Rieders earned a B.A. in Chemistry from Arcadia University in 1980 and a PhD in Pharmacology/Toxicology from Thomas Jefferson University in 1985 where he was active as volunteer faculty and lectured in Toxicology for over a decade. He is past President of the Jefferson College of Graduate Studies Alumni Association where he was honored as Distinguished Alumnus. He is active in promoting Jefferson's academic mission through his families' financial support of the Hamilton Building, Graduate Student Lounge, Fredric Rieders Scholarship, Distinguished Graduate Award and Faculty Prize.

Rieders served as a Term Trustee on the Arcadia University Board, and as a volunteer faculty member serving as a course director and lecturer in Toxicology at Arcadia's Masters of Forensic Science Program since 2004. He serves on the Board of Directors for the National Forensic Science Technology Center (NFSTC) in Largo, Florida; the Advisory Board for the Cyril H. Wecht Institute of Forensic Science and Law at Duquesne University School of Law; Chairman of the Board of Advisors and Fellows at The Henry C. Lee Institute of Forensic Sciences at New Haven University in West Haven, Connecticut; and is Chairman of the Foundation Board of Trustees of the Fredric Rieders Family Renaissance Foundation and Chief Scientific Officer for the Forensics Mentors Institute in Willow Grove, PA. Fredric is a Board member of The Vidocq Society, the premier US cold murder case investigations organization which examines cases and assist law enforcement agencies in identifying leads that may help solve homicides. He was awarded the H E Filing, MD Medal for Lifetime Achievement by The Vidocq Society in 2013.

Dr. Rieders was an editor of the Pennsylvania Academy of Sciences publication *Science Technology and National Security*, wrote a chapter in *Forensic Aspects of Chemical Terrorism* and recently published an article on his work with NASA: "Management of a Potentially Toxic Accidental Trialkylamine Ingestion during Spaceflight" in *Aviation, Space and Environmental Medicine*.

Rieders is currently working as Executive Producer on a film about Salvador Dali and the use of DNA in art fraud investigations. He was featured as a Forensic Science Investigator in the BBC film "How Sherlock Holmes Changed the World of Forensic Science" and Smithsonian Channel's "Forensic Firsts: Proving Poison". He is a frequent guest speaker and presenter at numerous conferences and seminars.

Dr. Rieders was Knighted by the Royal House of Portugal and was awarded the Medal of Merit from the Military Order of St. Michael of the Wing; on May 1, 2015 he was honored by The Royal House of Portugal with the Vila Vicosia Medal of Merit and inducted into the Royal Honor Guard.



## Doctor of Science — Esther Dyson, Sc.D., F.A.S.H.P.

Esther Dyson, Sc.D. (hon.), F.A.S.H.P., is the founder of the Health Initiative Coordinating Council (HICcup), an established non-profit since 2013 that encourages a rethinking of how we produce health. HICcup, under the direction of Ms. Dyson, is undergoing The Way to Wellville Project – a national challenge among five communities over five years to make significant, visible and lasting improvement in five measures of health and economic vitality.

Ms. Dyson is the author of the best-selling book, *Release 2.0: A Design for Living in the Digital Age* (Broadway Books, 1996), a novel on how the Internet affects individuals' lives. She is an active member of a number of non-profit and advisory organizations including the Long Now Foundation, the Sunlight Foundation and the Personal Genome Project. In 2004, she served as the founding chairman of ICANN, the Internet Corporation for Assigned Names and Numbers.

Devoted to angel investing, Ms. Dyson sits on the boards and continues to invest in various health and technology start-ups such as Applied Proteomics, Genomera, HealthEngage, Health Loop, Organized Wisdom and PatientsLikeMe. She has spent the last two years furthering her education not just in nutrition and diabetes management, but also on school food procurement, "non-emergent transportation" and Jail-Acquired Insolvency – the justice system's response to health care's hospital-acquired infection.

Ms. Dyson received her Bachelor's Degree in Economics from Harvard University in 1974. Her passion for continuous learning evolved from her first job as a fact-checker for *Forbes Magazine*. She then spent the next five years on Wall Street as a Securities Analyst for various, renowned corporations such as Apple Computer and Federal Express. She composed and edited *Release 1.0*, a monthly analysis of the PC and Internet business, and ran the yearly PC Forum, the industry's leading executive conference as head of her own company, EDventure Holdings, until 2004.





## Doctor of Science — Ignazio R. Marino, M.D.

Ignazio Roberto Marino, M.D., Sc.D. (hon.), F.A.S.H.P., is the current mayor of Rome, Italy, a position he has held since 2013. Appointed by the Government of Italy, he is one of five board members of the first National Center for Transplantation of the Italian Republic. Dr. Marino was also appointed by Pope John Paul II as an international expert to advise the ethics committee, known as the Pontifical Academy for Life.

Formerly, Dr. Marino was the Director of the Division of Liver Transplantation and Hepatobiliary Surgery, as well as the Director of the Division of Transplantation at Thomas Jefferson University Hospitals. Dr. Marino also held multiple faculty and director positions throughout medical centers and universities across Pittsburgh, Pennsylvania and Palermo, Italy.

After graduating summa cum laude in Medicine and Surgery from the Catholic University of Rome, he became board certified in General and Vascular Surgery, spending four years training in the Transplantation Institute of the University of Cambridge and the Pittsburgh Transplant Institute.

Honorably, Dr. Marino was part of the team in Pittsburgh that developed the clinical use of FK506, now known as Tacrolimus. This revolutionary drug has practically replaced any other immunosuppressant used worldwide in liver transplantation. He also participated in the first stomach, liver, pancreas and intestine transplantation on a human being in the history of medicine.

As a surgical team member, Dr. Marino performed the only two baboon-to-human liver xenotransplants in medical history. He also led the analysis of the largest clinical series of liver transplants ever reported, identifying ten different variables associated with transplant outcomes.

Dr. Marino has authored eleven books and more than 700 publications in the most renowned scientific journals dedicated to surgery and transplantation. He serves on the editorial boards of over ten publications, is a member of 31 scientific societies, three of which he is a founding member, and has been awarded over 120 prizes and recognitions of his work.



## Sidney Kimmel

Sidney Kimmel was born and raised in Philadelphia, and the philanthropic footprint he has created here evidences an unparalleled devotion to his hometown. From his very humble roots, first in South then West Philadelphia, Mr. Kimmel went on to found the Jones Apparel Group, developing it into a New York Stock Exchange company and one of the world's leading designers and marketers of branded apparel, footwear and accessories. His first job in the garment industry was as an inventory clerk and later a traveling salesman for a women's-wear manufacturer. From there, he joined the iconic clothing company Villager, rising through the ranks to become its president and CEO. In 1970, Mr. Kimmel established his own clothing line, Jones New York, targeting young career women and, during the 70s and 80s, became one of the major players in the women's apparel industry. Jones went public in 1991, adding many notable brands to its line, including Anne Klein, Nine West, Gloria Vanderbilt and Stuart Weitzman, among others; Jones also owned Barneys New York. In April, 2014, The Jones Group was sold for \$2.2 billion.

As early as 2002, Business Week recognized that Mr. Kimmel had already given more than half of his fortune to philanthropic works and had committed to giving the balance of his estate to further those efforts, a distinction that put him among a very select group of the nation's wealthiest. In 2010, he readily signed the Giving Pledge, the Warren Buffett and Bill Gates initiative encouraging America's billionaires to contribute half of their wealth to charitable endeavors.

Of the \$850 million-plus that Mr. Kimmel has given away, more than \$550 million has gone to cancer research. He established the Kimmel Scholars Program, which funds young, innovative cancer scientists with their earliest grants to stimulate their research and advance their careers. With 262 award recipients to date, the Program has launched the next generation of the nation's leading cancer researchers. Major gifts also subsidized cancer research and care at the Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins, the Sidney Kimmel Center for Prostate and Urologic Cancers at Memorial Sloan Kettering, research programs championed by the Stand Up To Cancer effort, and much more.

Mr. Kimmel has also made substantial gifts to organizations promoting the arts, education, health sciences and Jewish continuity. In Philadelphia, his philanthropic leadership established the Kimmel Center for the Performing Arts, and he provided endowment gifts to the Jewish Federation of Greater Philadelphia and the Raymond and Ruth Perelman Jewish Day School. The Kimmel Theater in the National Constitution Center is named in his honor, and he is also lead donor to the National Museum of American Jewish History.

Mr. Kimmel has been an extremely generous benefactor to Jefferson, providing cornerstone funding to establish the Sidney Kimmel Cancer Center as well as transformational support for research into the prevention of cardiovascular disease. His most recent forward-thinking gift—the largest in Jefferson's history—to name the Sidney Kimmel Medical College demonstrates Mr. Kimmel's appreciation of Jefferson's 190-year tradition of medical excellence and his confidence in Jefferson's path-breaking leadership in the future of healthcare.

Recognizing the fundamental importance of medical education and the impact of additional philanthropy, a significant portion of this landmark gift was set aside to establish the Kimmel Matching Program. This unique opportunity will provide a match for donors who establish new endowed scholarships and professorships. The Kimmel Matching Program already has inspired other philanthropists to give generously in support of medical education. During this academic year, seven new endowed scholarships have been created with help from the program, which has provided \$1.2 million in match funding.

Mr. Kimmel and his wife, Caroline, reside in California and New York.





## Awards and Prizes

Awarded at Class Day Exercises on Wednesday, May 27, 2015

### Faculty Awards

*Dean's Award for Distinguished Teaching.*

KATHERINE LACKRITZ, M.D., *Clinical Instructor of Obstetrics and Gynecology, Director, Medical Student Education, Sidney Kimmel Medical College at Thomas Jefferson University*

*Blockley-Osler/Dean's Teaching Award for Excellence in Teaching.* Given to a faculty member of an Affiliated Hospital.

LANNY EDELSON, M.D., F.A.A.N., *Clinical Professor of Neurology, and Neurology Teaching Coordinator, Christiana Care Health System*

*The Leon A. Peris Memorial Award.* Given to a member of the volunteer faculty for excellence in clinical teaching and superior patient care.

GINA MARIE AMOROSO, D.O., *Clinical Professor of Pediatrics, Sidney Kimmel Medical College at Thomas Jefferson University*

*The Leonard Tow Humanism in Medicine Award presented by The Arnold P. Gold Foundation.* Given to an outstanding faculty member demonstrating exemplary compassion in doctor/patient relations.

STEVEN K. HERRINE, M.D., *Professor of Medicine, Division of Gastroenterology and Hepatology, Sidney Kimmel Medical College at Thomas Jefferson University*

*The James B. Erdmann Award for Excellence in Interprofessional Education is given to a Sidney Kimmel Medical College faculty member.* Thomas Jefferson University Interprofessional Education Award is given to a faculty member who demonstrates excellence in interprofessional education and whose efforts have impacted collaboration among all colleges to the benefit of students.

BROOK SALZMAN, M.D., *Associate Professor, Department of Family & Community Medicine, Thomas Jefferson University* (honorable mention: ALAN FORSTATER, M.D., *Assistant Professor, Department of Emergency Medicine, Sidney Kimmel Medical College at Thomas Jefferson University*)

*The James B. Erdmann Award for Excellence in Interprofessional Practice* is given to a faculty or staff member of Thomas Jefferson University or Thomas Jefferson University Hospital. Jefferson Interprofessional Practice Award is given to a practitioner/clinician who demonstrates excellence in interprofessional practice and whose leadership efforts have promoted interprofessional practice among colleagues, staff, students and patients.

DANIELLE SNYDERMAN, M.D., *Assistant Professor, Department of Family & Community Medicine, Sidney Kimmel Medical College at Thomas Jefferson University*

### Awards to Graduating Students

*The E. Harold Hinman Memorial Prize.* Awarded for extraordinary interest and accomplishment in family medicine. Sponsored by family and friends in memory of E. Harold Hinman, Ph.D., M.D., M.P.H., Professor Emeritus of Preventive Medicine.

MARIANA KUPERMAN (honorable mention: CHRISTINE CHANG)

*The Michael Grasso, M.D. Prize in Urology.* Given to a Sidney Kimmel Medical College student at Thomas Jefferson University who has been recognized by the staff of Urology for accomplishing in their four years of medical education clinical and/or basic science research which has added positively to our understanding and treatment of urologic disorders.

MAY JEAN COUNSILMAN

*The Carroll R. Mullen Memorial Prize in Ophthalmology.* Given to the senior who has displayed outstanding aptitude and excellence in ophthalmology.

PHOEBE MELLEN (honorable mention: SPENSER MORTON AND RYAN SMITH)

*The Sarah G. Miller Obstetrics and Gynecology Prize.* Given to a senior who has demonstrated excellence in obstetrics and gynecology during the entire curriculum. Sponsored by Mrs. Sarah George Miller in memory of John B. Montgomery, M.D., Professor Emeritus of Obstetrics.

KATHERINE FRITTON

*The Baldwin L. Keyes Prize in Psychiatry.* Given by Mr. Joseph H. Levit in memory of his wife Mae K. Levit, in honor of Baldwin L. Keyes, M.D., Sc.D., Professor Emeritus of Psychiatry.

SOPHIE FELLER

*The Harold L. Stewart, M.D. '26 Prize in Pathology.* Awarded to the academically excellent student who has completed a pathology research project.

DANIELLE HUTCHINGS

*The Leopold Z. Goldstein, M.D. Memorial Prize in Obstetrics and Gynecology.* Awarded to the student with the highest grade point average in obstetrics and gynecology. In memory of Leopold Z. Goldstein, M.D. sponsored by his daughters.

EMILY CHESTON (honorable mention: AUREN CAMPBELL)

*The Norman F. Sokoloff, M.D. Award, for excellence in clinical and diagnostic skills.* Sponsored by family and friends in memory of Norman F. Sokoloff, M.D., a proud graduate of the Class of 1969.

CAITLIN MINGEY and JOVAN PLAMENAC

*The Burton L. Wellenbach, M.D. – JMC Class of 1944 Award for Excellence in Obstetrics and Gynecology and Medical Ethics.* Awarded to the graduating senior who demonstrates excellence in obstetrics and gynecology and medical ethics as exemplified by Dr. Burton L. Wellenbach's 50 years of practice and dedication to the medical college at Thomas Jefferson University and medicine.

JULIANA GUARENTE

*The Philip J. Hodes Prize in Radiology.* To the fourth-year Sidney Kimmel Medical College student displaying outstanding aptitude and interest in radiology.

JUSTIN RODRIGUEZ

*The William C. Davis, Class of 1977 Prize in Emergency Medicine.* Given to a senior who will pursue a career in emergency medicine. Sponsored by Mrs. Charlotte Davis in memory of her son, William C. Davis, M.D., an alumnus of Jefferson Medical College, now named Sidney Kimmel Medical College.

MEGAN CLARY (honorable mention: JUSTIN STEINBERG)



*The Joseph F. Rodgers, M.D. Memorial Award.* Given to a fourth-year medical student who has exhibited excellence in the discipline of internal medicine, especially diagnostic skills and a devotion to their patients.

ANITA MODI (honorable mention: CHRISTOPHER BARRETT)

*The Arnold R. Weitz Memorial Prize in Hematology.* Awarded to a senior Sidney Kimmel Medical College student for outstanding aptitude and interest in hematology. Sponsored by family and friends in memory of Arnold R. Weitz, M.D.

EVAN SMITH (honorable mention: DANIELLE SEIDEN)

*The William F. Kellow Prize.* Awarded to the student who most closely exemplifies the attributes of the ideal physician. Sponsored by family and friends in memory of William F. Kellow, M.D., Dean and Vice President of Jefferson Medical College from 1967 to 1981.

KATHERINE FRITTON

*The Francis Torrens Stewart, M.D. Clinical Surgery Prize, for general excellence in clinical surgery.* In memory of Francis Torrens Stewart, M.D., Professor of Clinical Surgery, 1910-1920.

NAOMI SELL (honorable mention: ALEXANDER CHALPHIN)

*The Philip P. Ripepi, M.D. Prize in General Surgery.* Awarded to a senior medical student pursuing a career in general surgery, who is deemed most worthy by the Sidney Kimmel Medical College surgical faculty. It is named for Philip P. Ripepi, M.D., esteemed educator, surgical innovator, nationally recognized oncology surgeon, and former Chairman of the Department of Surgery at Mercy Hospital of Pittsburgh.

GEOFFREY KOZAK (honorable mention: JOYCE JHANG)

*The Edward J. Moore Memorial Prize in Pediatrics.* Given to the student demonstrating the greatest aptitude in pediatrics. In memory of Edward J. Moore, M.D.

ESTHER JEONG (honorable mention: BRADLEY ALBERTSON)

*The S. MacCuen Smith Memorial Prize in Otolaryngology.* Given to the most able senior in the field of otology. Sponsored by Mrs. Stuart Lodge Bullivant in memory of her father.

LAUREN GALINAT

*The Arthur Krieger Memorial Prize in Family Medicine for excellence in family medicine.* Sponsored by family and friends in memory of Arthur Krieger, M.D.

ROMA AMIN (honorable mention: JONATHAN YADLOSKY)

*The Arthur Krieger Memorial Prize in Neurology.* Awarded for excellence in neurology. Sponsored by family and friends in memory of Arthur Krieger, M.D.

SHAILEE SHAH (honorable mention: JON MARC FINAMORE)

*The Hubert Spencer Sear, M.D. Memorial Award.* Awarded to an outstanding fourth-year student in radiology. Sponsored by family and friends in memory of Hubert Spencer Sear, M.D., Class of 1950.

DANIELLE TOUSSIE (honorable mention: ANKIT GANDHI)

*The Alexander and Lottie Katzman Award in Gastroenterology.* Awarded to the most proficient student in gastroenterology as judged by the faculty. Sponsored by Joseph Medoff, M.D., and Mrs. Medoff in memory of Mrs. Medoff's parents.

DREW JOHNSON (honorable mention: JAYA MEHTA)

*The Philip and Bella Medoff Memorial Prize, for excellence in internal medicine and outstanding contributions to the Hobart Amory Hare Medical Honor Society.* Given to a senior who is a member of the Society and who is recommended by the Magee Professor of Medicine and the faculty advisor of the Society. Sponsored by Joseph Medoff, M.D., Mrs. Medoff, and children.

SHANA RAKOWSKY (honorable mention: DREW KOTLER)

*The William T. and Madeline Lemmon Memorial Prize in Anesthesiology for clinical work or writing in the field of anesthesiology.* Awarded from an endowment established by family members in memory of William T. Lemmon, Sr., M.D.

SAMANTHA BRACKETT

*The Annie Simpson General Medicine Prize.* Awarded to the medical student who received the best general average in general medicine.

JANE BABIARZ (honorable mention: ELIJAH GRILLO)

*The Annie Simpson Pulmonary Medicine Prize.* Awarded to the medical student who received the best general average in pulmonary medicine.

GREGORY SNYDER (honorable mention: DIEDRE AXELL-HOUSE)

*The William Potter Memorial Prize in Clinical Medicine.* Awarded to the graduating student with the best performance in clinical medicine, from a bequest of Mrs. Adaline Potter Wear.

PHOEBE MELLEN

*The Hyman Menduke Research Prize.* Awarded to the graduating senior who, as determined by the Committee on Research of the faculty, has demonstrated excellence in research while a student at Sidney Kimmel Medical College at Thomas Jefferson University. Sponsored by Michael LeWitt, M.D., Class of 1974.

PHOEBE MELLEN for the MD program

DAVID RITTER for the MD/PhD program

*The Jefferson Volunteer Faculty Association Prize.* Given by the Sidney Kimmel Medical College Volunteer Faculty Association to a fourth-year medical student for excellence in clinically oriented research.

HEATHER MCMAHON

*The Drs. Donald R. and Henry Pohl Prize for Professionalism.* Awarded to the senior Sidney Kimmel Medical College student who exemplifies the ideals of professionalism.

GREGORY SNYDER (honorable mention: PHOEBE MELLEN and PHILICIA MOONSAMY)

*The Dean's Student Service Award.* Awarded to the fourth-year student who has given generously of time and talents for the service of classmates and Sidney Kimmel Medical College as selected by the Dean.

ROMA AMIN

*The Alfred I. duPont Hospital for Children Prize.* Awarded to the student whose performance best demonstrates the qualities of academic and clinical excellence, human compassion, and a commitment to the welfare of others as was exemplified by the life and trust of Alfred I. duPont.

KANIKA GUPTA

*The Leonard Tow Humanism in Medicine Award presented by The Arnold P. Gold Foundation.* Given to an outstanding student demonstrating exemplary compassion in doctor/patient relations.

ROMA AMIN



*The Frans J. Vossenberg, M.D., Memorial Prize in Internal Medicine.* Awarded to a graduating senior member of the Alpha Omega Alpha Honor Society who has chosen to pursue a career in the field of Internal Medicine and has demonstrated excellence in diagnostic skills and patient compassion as exemplified by the life of Frans J. Vossenberg, M.D., Class of 1950.

DAVID REILLY

*The J. Woodrow Savacool, M.D., Prize in Medical Ethics.* Awarded to the senior medical student who embodies the ideal of the physician's caring commitment to moral and ethical values in medicine. Sponsored by a committee of friends and colleagues in memory of J. Woodrow Savacool, M.D., an alumnus and Honorary Clinical Associate Professor of Medicine, Sidney Kimmel Medical College.

NOAH BOBULTZ (honorable mention: MEGHAN SCHLITT)

*The Philip J. Wolfson, M.D., Memorial Prize for Leadership.* Awarded to the senior who has served as a role model for effective leadership and professional behavior through the four years of medical school. Sponsored by the family, colleagues, and friends of Philip J. Wolfson, M.D.

LEAH WINER (honorable mention: JENNIFER BAKER)

*The Irving J. Olshin, M.D., Memorial Prize in Pediatrics.* Awarded to the graduating senior who best combines scholarship, integrity, and an engagement in human character and ethics with their study of medicine, as exemplified by Dr. Irving J. Olshin's forty-five years of practice and dedication to the medical college and the Department of Pediatrics.

JOSHUA EISENBERG

*The Jennifer Reed Bakker, M.D., Class of 2001 Memorial Prize.* Awarded to the graduating senior who best displays compassion for the sick, a true sense of humanity, and meticulous regard for human dignity.

JOHN CHAVES

*The Catherine Liu, M.D. Memorial Prize in Obstetrics and Gynecology.* Awarded to a fourth-year medical student who plans to pursue a career in Ob/Gyn. This student should demonstrate academic excellence and a commitment to women's health

STEPHANIE RAND

*The Maria Werner-Wasik, MD Award for Excellence in Radiation Oncology.* Awarded to a fourth-year medical student who choose to participate in the third-year selective rotation and who demonstrated the necessary qualities to develop as a leader in academic radiation oncology.

MARK ASHAMALLA

*The Dr. Thomas D. Griffin and Patricia C. Griffin Award in Dermatology is in honor of Dr. Jouni Uitto, Chairman of the Department of Dermatology.* Given to a graduating senior showing outstanding motivation and interest in the care of the skin.

NICHOLAS ROSS

## The University Mace

Originally a medieval weapon, the mace evolved from a short staff weighted with metal (used for breaking armor) into a bejeweled and sculptural relic. In one of the earliest ceremonial uses of the mace, it was carried by the royal bodyguard before the French king in the 1200s. It fell into disuse by the 16th century as firearms made protective armor and some hand-to-hand combat weapons obsolete. Examples of the mace as a symbol of authority in modern government include its use in the British House of Commons where the ceremonial mace has a presence on the Treasury table, and in the U.S. House of Representatives, where it is placed on a pedestal to the right of the Speaker's podium when the House is convened. Universities also used the ceremonial mace, borne by the chief marshal, during academic processions.

The Thomas Jefferson University Mace, carried for the first time in the 1986 commencement ceremonies by Grand Marshal Robert Mandle, Ph.D., was designed and cast by Howard Serlick, member of the Guild of Mastercraftsmen, Winterthur Scholar and Chief Conservator (Gilding) of the Historical Society of Pennsylvania. It was crafted by silversmith Eugene Zweigle and woodturner Michael Copeland.

The four-foot-long, 14-pound mace is made of ebony highlighted with lapis lazuli to reflect Jefferson's colors (black and blue). It features a miniature of Henry Mitchell's sculpture, the "Winged Ox of Saint Luke," symbol of Saint Luke the Physician, the original of which stands on campus beside the Scott Building on Walnut Street. The miniature was cast in silver by Zweigle.

Mitchell's original statue of the "Winged Ox," adopted by the University in 1976 as its symbol of clinical excellence, is mounted on a column containing the names of 50 medical scientists who have most advanced the art of healing. It also reflects the historical evolution of Thomas Jefferson University from its beginnings as Jefferson Medical College in 1824 to its current status as an academic institution comprising the Sidney Kimmel Medical College, the Jefferson Graduate School of Biomedical Sciences, the Jefferson School of Health Professions, the Jefferson School of Nursing, the Jefferson School of Pharmacy and the Jefferson School of Population Health.

The mace, a grand emblem of the University's heritage, is carried at the head of all formal academic processions.

## Presidential Medallion of Thomas Jefferson University

The President's Medallion was created in 2009 during the tenure of Robert L. Barchi, M.D., Ph.D., the fourth President of Thomas Jefferson University. It replaced the previous, well-worn President's Medallion made in 1977, which had depicted four old corporate seals used in various eras of the institution's history.

The current medallion was designed and crafted by Tiffany & Company, New York. It consists of a sterling silver medallion suspended from a heavy, silver double-link chain. The medallion's obverse depicts the University seal, a bas-relief profile of Thomas Jefferson, and the surround reads, "THOMAS JEFFERSON UNIVERSITY – 1824," the year the institution was founded. The reverse is engraved with the names of the four University Presidents.

Silver is a metal long-associated with medicine and is recognized to have antibacterial properties. Hippocrates (ca. 300 BCE) acknowledged the healing powers of silver and the ancients used silver bottles to keep water or wine from spoiling. The expression "born with a silver spoon in your mouth" comes from the Middle Ages when the wealthy gave their children silver spoons to suck on to prevent disease.

Like many academic traditions, the display of a heavy "chain of office" comes down to us from medieval regalia and represents the weight of responsibility for the wearer. The chain itself connotes strength in unity, as well as strong communication.

The Presidential Medallion is worn by the President at all convocations of the University.



The Jefferson Processional

The Jefferson Processional was commissioned by the Alumni Association of Jefferson Medical College, now named the Sidney Kimmel Medical College, and played for the first time on November 15, 1974, at the Sesquicentennial Celebration of the Sidney Kimmel Medical College at Thomas Jefferson University. This piece was presented to Thomas Jefferson University by the President of the Alumni Association, John J. Gartland, M.D. It was composed by Burle Marx.

Academic Regalia

The attire worn at academic ceremonies evolved from the dress worn by clergy in the 12th and 13th centuries. In 1222, the Archbishop of Canterbury, Stephen Langston, decreed that a closed, flowing gown known as the cappa clausa be worn by all clerics within his jurisdiction. Because Oxford and Cambridge were within the provinces of Canterbury, the clerks at both institutions adopted this style of attire. Hoods seem to have served to cover the tonsured head until superseded for that purpose by the skull cap.

Throughout the years European universities have continued to show great diversity in their academic dress. American universities, on the other hand, when they decided to adopt academic dress in 1895, immediately established a code of regulations which today is followed by practically all American institutions. The establishment of this code has made it possible to distinguish the associate's, bachelor's, master's and doctoral degrees and, at the same time, recognize the university which has conferred the degree.

The associate in arts and bachelor's gowns have pointed sleeves and are worn closed. The master's gown has oblong sleeves, open at the wrist. The rear part of its oblong shape is square cut and the front part has an arc cut away, and is worn open or closed. The doctor's gown has bell-shaped sleeves. It is worn open or closed. The majority of gowns are black, but a number of institutions have adopted other colors to identify special programs or groups within that institution.

The hoods vary in length: 48 inches for the doctoral degree, 42 inches for the master's and 36 inches for the bachelor's and associate's. All hoods are lined in silk in the academic color or colors of the institution conferring the degree. If the institution has more than one color, the colors are shown in divisions using chevrons. The binding or edge of the doctoral, master's and bachelor's hoods is usually made of velvet in the color designating the subject in which the degree was granted. The associate's hood does not have a velvet border. The outside is black.

Black mortarboards are most commonly worn; four-sided and six-sided tams of various colors are also used.

Some of the colors in the bindings of the hoods are:

<i>White</i>	Arts and Letters	<i>Green</i>	Medicine
<i>Tan</i>	Business	<i>Apricot</i>	Nursing
<i>Lilac</i>	Dentistry	<i>Olive Drab</i>	Pharmacy
<i>Light Blue</i>	Education	<i>Dark Blue</i>	Philosophy
<i>Purple</i>	Law	<i>Salmon Pink</i>	Public Health
		<i>Golden Yellow</i>	Science



